

Converting Colors

HunterLab(72.0405, -31.6715,
-15.3724)

Have a look what the booklet for
HunterLab(72.0405, -31.6715,
-15.3724) contains.

HunterLab(72.0445, -31.6714, -15.3744)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(72.0445,
-31.6714, -15.3744)**

Conversions

Conversions Part 1	
Format	Color
Hex	37D1E2
RGB	55, 209, 226
RGB Percent	22%, 82%, 89%
CMY	0.7843, 0.1804, 0.1137
CMYK	0.76, 0.08, 0.00, 0.11
HSL	186°, 75%, 55%
HSV	186°, 76%, 89%
XYZ	38.1035, 51.9041, 79.9617
YIQ	164.8920, -97.2410, -27.3610

Conversions

Conversions Part 2

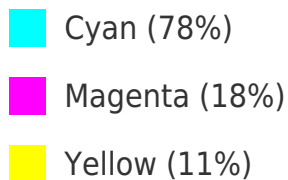
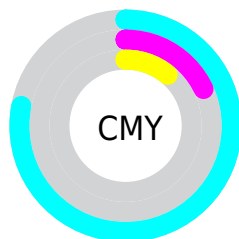
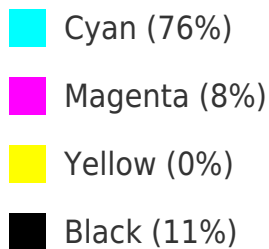
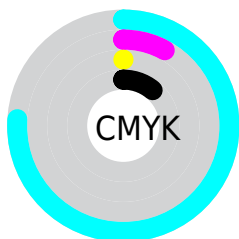
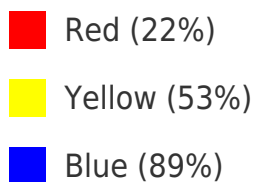
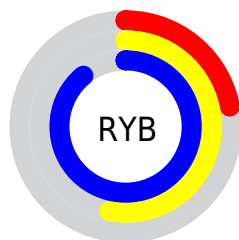
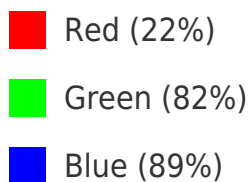
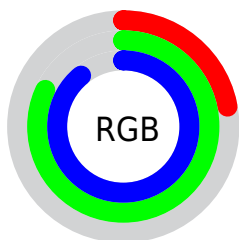
Format	Color
RYB	55, 136, 226
Decimal	3658210
CIELab	77.22, -33.15, -19.71
CIELCh	77, 38.566, 210.737
Yxy	51.9060, 0.2242, 0.3054
Android (android.graphics.Color)	4281848290 (0xFF37D1E2)
YUV	164.8920, 30.1262, -96.3753
Hunter-Lab	72.0445, -31.6714, -15.3744

Details

The HunterLab color **72.0445, -31.6714, -15.3744** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **45.9142, 53.2794, 24.5553**, and the grayscale version is **61.2069, -3.2658, 3.3255**.

A 20% lighter version of the original color is **91.2848, -37.1201, -5.8488**, and **51.0406, -23.2018, -13.7103** is the 20% darker color. If you saturate the color by 10%, you get **70.9312, -32.0500, -16.9972**, and if you desaturate by 10%, it is **73.3534, -30.5586, -13.4926**.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 72.0445, -31.6714, -15.3744 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 72.0445, -31.6714, -15.3744 by changing the saturation by 10% instead.


 72.0445, -31.6714,
-15.3744


 72.0445, -31.6714,
-15.3744


198.5129,
-51.2564, -14.7105


 60.7702, -29.2678,
-15.1817


 96.4327, -36.2750,
-15.5762


 50.1532, -26.7713,
-14.9256


 109.4861,
-38.5010, -15.5942

 40.2385, -24.1537,
-14.6025


 123.0806,
-40.6888, -15.5608

 31.0800, -21.3735,
-14.2130

 137.1954,
-42.8454, -15.4788

 22.7462, -18.3656,
-13.7663

151.8119,
-44.9762, -15.3506

 15.3286, -15.0201,
-13.2986

166.9135,

 8.9432, -15.6506,

-47.0860, -15.1784

-12.9902

182.4851,
-49.1783, -14.9645

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 72.0445, -31.6714,
-15.3744

■ 72.0445, -31.6714,
-15.3744

■ 70.9312, -32.0500,
-16.9972

■ 73.3534, -30.5586,
-13.4926

■ 69.9876, -31.7725,
-18.3847

■ 74.8673, -28.6726,
-11.3506


■ 69.6100, -31.5293,
-18.9437


■ 76.5954, -26.0044,
-8.9536


■ 78.5404, -22.5680,
-6.3156


■ 80.7020, -18.3952,

-3.4558

 83.0765, -13.5309,
-0.3965

 85.6585, -8.0280,
2.8387

 88.4407, -1.9439,
6.2264

 91.0568, 3.4524,
9.3187

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.0458, -35.7700, 3.4900



72.0445, -31.6714, -15.3744



72.0458, -20.2573, -31.8249

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.0458, -31.6714, -15.3733



72.0458, 29.4969, -14.4384



72.0458, -4.2999, 30.0087

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72.0445, -31.6714, -15.3744



45.9142, 53.2794, 24.5553

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.0458, 14.1755, 27.4413



72.0445, -31.6714, -15.3744



72.0458, 34.8283, 4.3507

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.0458, -31.6714, -15.3733



72.0458, 15.0360, -31.1972



72.0458, 28.9662, 19.0200



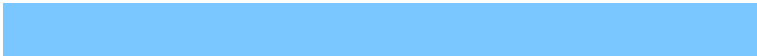
72.0458, -20.9675, 27.1712

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.0445, -31.6714, -15.3744



72.0458, -9.4263, -37.5633



72.0458, 28.9662, 19.0200



72.0458, 1.9053, 29.7570

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72.0458, -31.6714, -15.3733



93.1981, -19.7687, -3.1046



74.5915, -59.0904, 40.4192



42.6772, -10.0284, -2.0107

0.0000, NaN, NaN



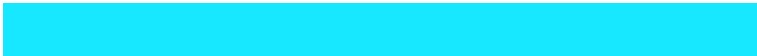
46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.0458, -31.6714, -15.3733



80.6698, -36.6441, -20.4672



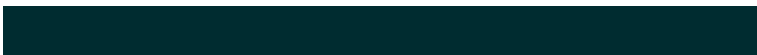
46.1427, 7.4422, -63.8904



39.1500, -4.7082, 0.7380



52.6716, -23.9336, -14.1692



14.1114, -6.6073, -3.3748

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



48.4832, 78.0332, -42.5283



52.6242, 98.2011, -51.8106



63.0924, 13.3230, 35.7123



37.2973, 2.8479, -0.9133



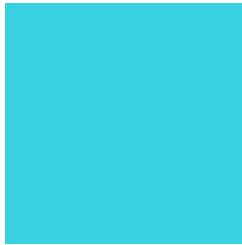
34.2180, 65.8598, -34.1705



9.0470, 17.4729, -9.5000

Previews

White Background



This preview shows how the HunterLab color 72.0445, -31.6714, -15.3744 looks on a white background.

Color Contrast Check

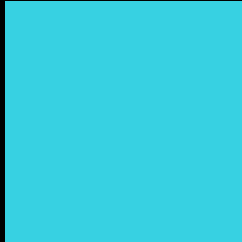
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 72.0445, -31.6714, -15.3744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

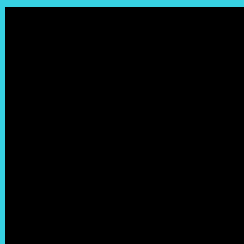
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

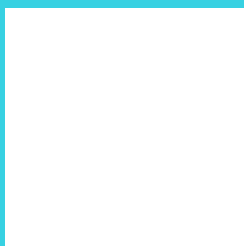
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 72.0445, -31.6714, -15.3744 Background



This preview shows how black text looks on a background with the HunterLab color 72.0445, -31.6714, -15.3744.



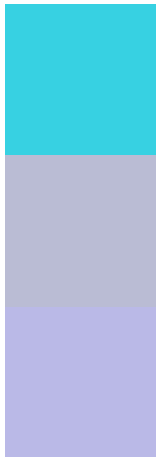
This preview shows how white text looks on a background with the HunterLab color 72.0445, -31.6714, -15.3744.

-31.6714, -15.3744.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

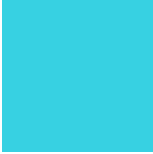
72.0445, -31.6714, -15.3744

Protanopia

71.5255, -0.0981, -7.5602

Deuteranopia

71.3488, 5.2890, -18.7664



Tritanopia

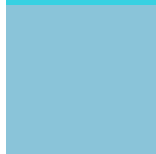
72.0445, -31.6714, -15.3744

Trichromacy



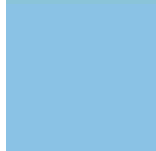
Original Color

72.0445, -31.6714, -15.3744



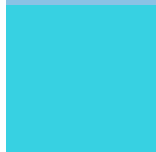
Protanomaly

70.6349, -15.5897, -11.8501



Deuteranomaly

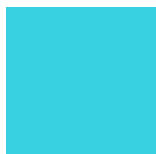
70.4585, -12.0456, -19.1732



Tritanomaly

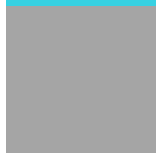
72.0445, -31.6714, -15.3744

Monochromacy



Original Color

72.0445, -31.6714, -15.3744



Achromatopsia

61.3402, -3.2730, 3.3327



Achromatomaly

64.0278, -17.3984, -4.3859

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.0445, -31.6714, -15.3744 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(55, 209, 226)` looks like.

```
.text, #text, p{  
    color:rgb(55, 209, 226)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(55, 209, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 209, 226) }
```

Border

The CSS property to change the border of an element to HunterLab 72.0445, -31.6714, -15.3744 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(55, 209, 226) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(55, 209, 226) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(55, 209, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 209, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 209, 226);  
box-shadow:4px 4px 4px 4px rgb(55, 209,  
226) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.0445, -31.6714, -15.3744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 209, 226) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(55, 209,  
226) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor