

Converting Colors

HunterLab(72.2302, -20.7008,
-33.5130)

Have a look what the booklet for
HunterLab(72.2302, -20.7008,
-33.5130) contains.

HunterLab(72.0996, -20.4516, -33.7298)	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(72.0996,
-20.4516, -33.7298)**

Conversions

Conversions Part 1

Format	Color
Hex	4DCCFF
RGB	77, 204, 255
RGB Percent	30%, 80%, 100%
CMY	0.6980, 0.2000, 0.0000
CMYK	0.70, 0.20, 0.00, 0.00
HSL	197°, 100%, 65%
HSV	197°, 70%, 100%
XYZ	42.7034, 51.9835, 102.3908
YIQ	171.8410, -92.0630, -11.0630

Conversions

Conversions Part 2

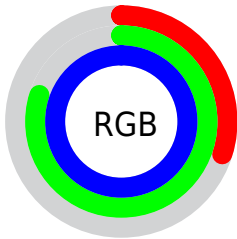
Format	Color
RYB	77, 151, 255
Decimal	5098751
CIELab	77.27, -19.08, -35.13
CIElCh	77, 39.975, 241.495
Yxy	51.9853, 0.2167, 0.2638
Android (android.graphics.Color)	4283288831 (0xFF4DCCFF)
YUV	171.8410, 40.9974, -83.1756
Hunter-Lab	72.0996, -20.4516, -33.7298

Details

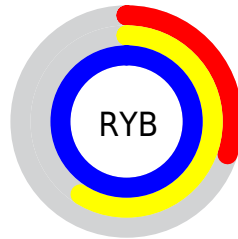
The HunterLab color **72.0996, -20.4516, -33.7298** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **61.0218, 40.3493, 31.4838**, and the grayscale version is **64.0286, -3.4164, 3.4788**.

A 20% lighter version of the original color is **92.0651, -34.1445, -4.7952**, and **50.8821, -15.0248, -31.1640** is the 20% darker color. If you saturate the color by 10%, you get **69.0883, -19.2675, -38.9556**, and if you desaturate by 10%, it is **75.3770, -20.7070, -28.3320**.

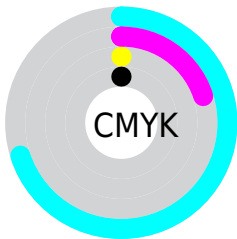
Distribution



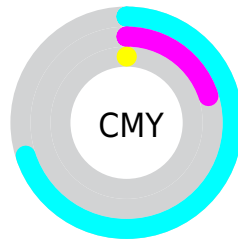
- Red (30%)
- Green (80%)
- Blue (100%)



- Red (30%)
- Yellow (59%)
- Blue (100%)



- Cyan (70%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.0996, -20.4516, -33.7298 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 72.0996, -20.4516, -33.7298 by changing the saturation by 10% instead.

72.0996, -20.4516,
-33.7298

72.0996, -20.4516,
-33.7298

198.5900,
-34.4322, -36.8788

60.8222, -18.8435,
-33.1389

96.4933, -23.6040,
-34.7722

50.2019, -17.2022,
-32.5186

109.5494,
-25.1605, -35.2203

40.2838, -15.5143,
-31.8898

123.1464,
-26.7094, -35.6179

31.1216, -13.7596,
-31.3002

137.2635,
-28.2540, -35.9654

22.7837, -11.9062,
-30.8552

151.8824,
-29.7968, -36.2639

15.3615, -9.8989,
-30.8166

166.9863,

8.9725, -9.7442,

-31.3397, -36.5147

-32.0478

182.5601,
-32.8844, -36.7191

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 72.0996, -20.4516,
-33.7298

■ 72.0996, -20.4516,
-33.7298

■ 69.0883, -19.2675,
-38.9556

■ 75.3770, -20.7070,
-28.3320

■ 66.3348, -17.1741,
-43.9858

■ 78.9130, -20.0558,
-22.8073

■ 63.8072, -14.3056,
-48.8428

■ 82.6996, -18.5463,
-17.1929

■ 63.7575, -14.2449,
-48.9408

■ 86.7248, -16.2409,
-11.5241

■ 90.9752, -13.2090,

-5.8301

■ 95.4367, -9.5210,
-0.1341

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



72.1008, -32.4015, -16.6666



72.0996, -20.4516, -33.7298



72.1008, -2.8963, -40.1120

Triad

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



72.1008, -20.4516, -33.7277



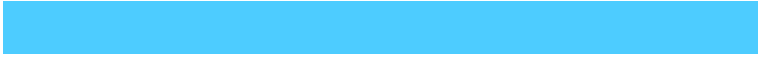
72.1008, 36.3720, 4.8246



72.1008, -21.9410, 27.6922

Complementary

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



72.0996, -20.4516, -33.7298



61.0218, 40.3493, 31.4838

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.



72.1008, -4.8007, 30.7158



72.0996, -20.4516, -33.7298



72.1008, 29.9756, 19.8058

Square

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



72.1008, -20.4516, -33.7277



72.1008, 31.0988, -14.6836



72.1008, 14.4023, 28.2501



72.1008, -33.1969, 18.6026

Rectangle

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



72.0996, -20.4516, -33.7298



72.1008, 10.0128, -36.4186



72.1008, 14.4023, 28.2501



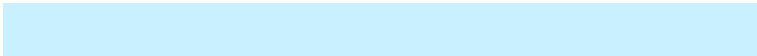
72.1008, -16.7404, 29.3277

Sweetspot

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



72.1008, -20.4516, -33.7277



90.4535, -13.6091, -6.5143



86.3957, -63.0100, 38.2505



41.2982, -6.7049, -3.7416

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.1008, -20.4516, -33.7277



67.9008, -18.4958, -41.0937



46.0342, 25.3288, -93.0411



44.2157, -4.3502, 0.0156



46.3776, -10.7284, -34.8083



15.1039, -4.2694, -9.6622

Inverse Universe

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



55.6140, 78.5440, -25.2605



51.6821, 88.1936, -24.9105



84.3394, -5.2678, 46.9400



42.6690, 2.9631, -0.0819



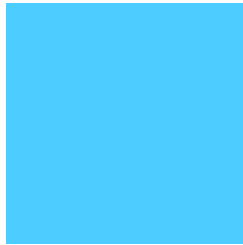
35.9156, 66.4916, -15.4359



11.2909, 21.0472, -5.9690

Previews

White Background



This preview shows how the HunterLab color 72.0996, -20.4516, -33.7298 looks on a white background.

Color Contrast Check

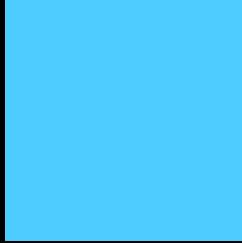
Large Text (above 18pt) WCAG AA × Fail

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 72.0996, -20.4516, -33.7298 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

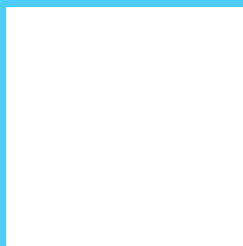
Any Text WCAG AAA ✓ Pass

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

HunterLab 72.0996, -20.4516, -33.7298 Background



This preview shows how black text looks on a background with the HunterLab color 72.0996, -20.4516, -33.7298.



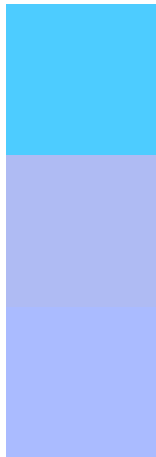
This preview shows how white text looks on a background with the HunterLab color 72.0996, -20.4516, -33.7298.

-20.4516, -33.7298.

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

72.0996, -20.4516, -33.7298

Protanopia

71.5022, 3.7546, -26.1866

Deuteranopia

71.6287, 5.2263, -34.0819



Tritanopia

72.1051, -31.4374, -15.2832

Trichromacy



Original Color

72.0996, -20.4516, -33.7298

Protanomaly

70.9537, -7.1729, -29.9348

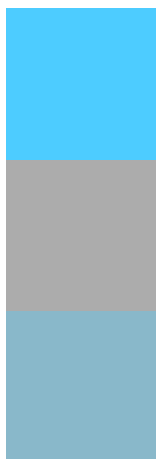
Deuteranomaly

71.1296, -5.8442, -35.1328

Tritanomaly

72.0166, -27.4333, -22.0660

Monochromacy



Original Color

72.0996, -20.4516, -33.7298

Achromatopsia

64.2295, -3.4271, 3.4897

Achromatomaly

66.2296, -13.1682, -9.4424

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.0996, -20.4516, -33.7298 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(77, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(77, 204, 255)  
}
```

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(77, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 204, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 72.0996, -20.4516, -33.7298 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(77, 204, 255) }
```


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

```
.border{ border-color:rgb(77, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(77, 204,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.0996, -20.4516, -33.7298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 204, 255) }
```

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

```
.background{ background-color: rgb(77, 204,  
255) }
```

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