

Converting Colors

HunterLab(67.7744, -23.8996,
-11.6773)

Have a look what the booklet for
HunterLab(67.7744, -23.8996,
-11.6773) contains.

HunterLab(67.6636, -23.8705, -11.5804)	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(67.6636,
-23.8705, -11.5804)**

Conversions

Conversions Part 1

Format	Color
Hex	62C2D1
RGB	98, 194, 209
RGB Percent	38%, 76%, 82%
CMY	0.6157, 0.2392, 0.1804
CMYK	0.53, 0.07, 0.00, 0.18
HSL	188°, 55%, 60%
HSV	188°, 53%, 82%
XYZ	35.8374, 45.7836, 67.2698
YIQ	167.0060, -62.0310, -15.6870

Conversions

Conversions Part 2

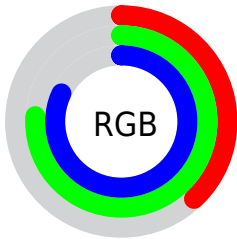
Format	Color
RYB	98, 149, 209
Decimal	6472401
CIELab	73.41, -24.15, -16.19
CIELCh	73, 29.075, 213.844
Yxy	45.7854, 0.2407, 0.3075
Android (android.graphics.Color)	4284662481 (0xFF62C2D1)
YUV	167.0060, 20.7030, -60.5183
Hunter-Lab	67.6636, -23.8705, -11.5804

Details

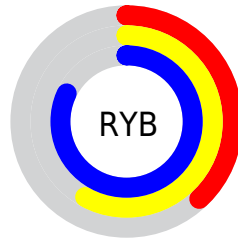
The HunterLab color **67.6636, -23.8705, -11.5804** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **51.2332, 30.2118, 18.7246**, and the grayscale version is **62.1031, -3.3137, 3.3742**.

A 20% lighter version of the original color is **91.2591, -30.1059, -5.7592**, and **46.2588, -19.8696, -11.5895** is the 20% darker color. If you saturate the color by 10%, you get **65.9737, -25.4984, -14.0048**, and if you desaturate by 10%, it is **69.5505, -21.5423, -8.9436**.

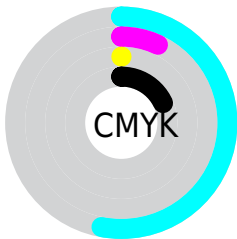
Distribution



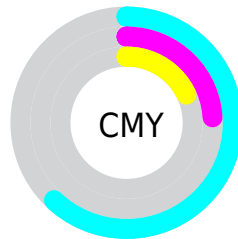
- Red (38%)
- Green (76%)
- Blue (82%)



- Red (38%)
- Yellow (58%)
- Blue (82%)



- Cyan (53%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (62%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.6636, -23.8705, -11.5804 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 67.6636, -23.8705, -11.5804 by changing the saturation by 10% instead.

67.6636, -23.8705,
-11.5804

67.6636, -23.8705,
-11.5804

192.3396,
-39.8989, -10.0692

56.6361, -21.9619,
-11.4852

91.5957, -27.5635,
-11.5867

46.2817, -19.9928,
-11.3248

104.4365,
-29.3663, -11.5079

36.6487, -17.9420,
-11.0937

117.8270,
-31.1489, -11.3788

27.7961, -15.7768,
-10.7886

131.7454,
-32.9161, -11.2022

19.7996, -13.4445,
-10.4125

146.1724,
-34.6719, -10.9807

12.7634, -10.8524,
-9.9898

161.0906,

6.1406, -10.7461,

-36.4193, -10.7167

-11.7870

176.4844,
-38.1610, -10.4123

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 67.6636, -23.8705,
-11.5804

■ 67.6636, -23.8705,
-11.5804

■ 65.9737, -25.4984,
-14.0048

■ 69.5505, -21.5423,
-8.9436

■ 64.4736, -26.4208,
-16.2068

■ 71.6305, -18.5360,
-6.1162

■ 63.1558, -26.6581,
-18.1803

■ 73.9016, -14.8882,
-3.1184

■ 62.0050, -26.2636,
-19.9336

■ 76.3588, -10.6438,
0.0274

■ 61.2811, -25.7304,

■ 78.9954, -5.8528,

-21.0516

3.2992

■ 81.8037, -0.5667,
6.6765

■ 84.7756, 5.1634,
10.1408

■ 86.7647, 7.5144,
12.3747

■ 87.6047, 6.0085,
13.2613

Harmonies

Analogous

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



67.6649, -27.6365, 2.0052



67.6636, -23.8705, -11.5804



67.6649, -14.6914, -22.4711

Triad

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



67.6649, -23.8708, -11.5793



67.6649, 21.3237, -8.1438



67.6649, -5.3471, 23.9950

Complementary

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



67.6636, -23.8705, -11.5804



51.2332, 30.2118, 18.7246

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.



67.6649, 8.2252, 22.3252



67.6636, -23.8705, -11.5804



67.6649, 24.3115, 5.3193

Square

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



67.6649, -23.8708, -11.5793



67.6649, 11.4735, -20.2300



67.6649, 19.3473, 16.0536



67.6649, -17.4855, 21.1643

Rectangle

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



67.6636, -23.8705, -11.5804



67.6649, -6.3780, -25.7882



67.6649, 19.3473, 16.0536



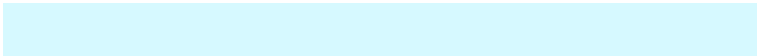
67.6649, -0.8050, 23.9376

Sweetspot

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



67.6649, -23.8708, -11.5793



94.6568, -15.0405, -1.1955



70.2754, -44.7295, 29.3882



43.4941, -7.4768, -0.9342

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.6649, -23.8708, -11.5793



82.3003, -32.1806, -18.0068



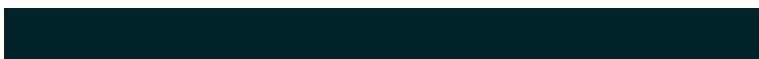
50.5767, 2.3210, -39.5088



36.2260, -4.1855, 0.5735



48.2290, -20.3463, -16.3601



11.7376, -5.2381, -3.3635

Inverse Universe

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



51.1732, 51.3713, -26.7043



58.9575, 77.7248, -39.7962



65.2339, 2.2932, 29.7333



34.6128, 2.5460, -0.6697



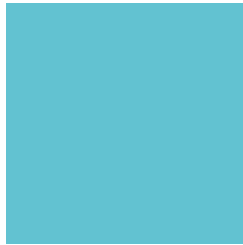
32.2791, 61.6656, -28.6502



7.6836, 14.7599, -7.4501

Previews

White Background



This preview shows how the HunterLab color 67.6636, -23.8705, -11.5804 looks on a white background.

Color Contrast Check

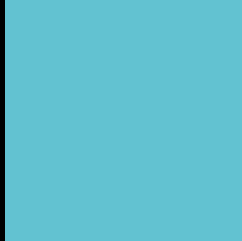
Large Text (above 18pt) WCAG AA × Fail

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 67.6636, -23.8705, -11.5804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

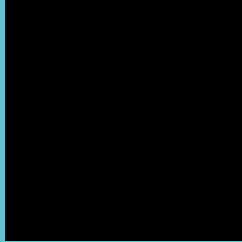
Any Text WCAG AA ✓ Pass

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 67.6636, -23.8705, -11.5804 Background



This preview shows how black text looks on a background with the HunterLab color 67.6636, -23.8705, -11.5804.



This preview shows how white text looks on a background with the HunterLab color 67.6636, -23.8705, -11.5804.

-23.8705, -11.5804.

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

67.6636, -23.8705, -11.5804

Protanopia

67.3138, -0.1652, -6.1166

Deuteranopia

67.2067, 4.9956, -14.0356



Tritanopia

67.7004, -23.6585, -12.0957

Trichromacy



Original Color

67.6636, -23.8705, -11.5804

Protanomaly

66.9990, -10.3259, -8.8952

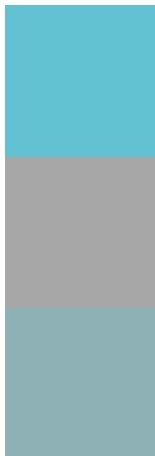
Deuteranomaly

66.8531, -7.0162, -14.1690

Tritanomaly

67.7004, -23.6585, -12.0957

Monochromacy



Original Color

67.6636, -23.8705, -11.5804

Achromatopsia

62.1634, -3.3169, 3.3775

Achromatomaly

63.6965, -12.4872, -2.1635

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.6636, -23.8705, -11.5804 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(98, 194, 209)` looks like.

```
.text, #text, p{  
    color:rgb(98, 194, 209)  
}
```

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(98, 194, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 194, 209) }
```

Border

The CSS property to change the border of an element to HunterLab 67.6636, -23.8705, -11.5804 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(98, 194, 209) }
```


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

```
.border{ border-color:rgb(98, 194, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 194, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 194, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 194, 209);  
box-shadow:4px 4px 4px 4px rgb(98, 194,  
209) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.6636, -23.8705, -11.5804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 194, 209) }
```

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

```
.background{ background-color: rgb(98, 194,  
209) }
```

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