Converting Colors

HunterLab(76.6522, -6.4429, 5.0583)

Have a look what the booklet for HunterLab(76.6522, -6.4429, 5.0583) contains.

HunterLab(76.6501, -6.5045, 4.8499) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 28
- ***CSS Examples*** 31

Color

HunterLab(76.6501, -6.5045, 4.8499)

Conversions

Format	Color
Hex	C5CBC8
RGB	197, 203, 200
RGB Percent	77%, 80%, 78%
CMY	0.2274, 0.2039, 0.2157
CMYK	0.03, 0.00, 0.01, 0.20
HSL	150°, 5%, 78%
HSV	150°, 3%, 80%
XYZ	54.8073, 58.7524, 63.0953
YIQ	200.8640, -2.6130, -2.2050

Conversions Part 1

Conversions

Conversions Part 2

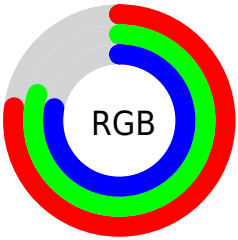
Format	Color
RYB	197, 201, 203
Decimal	12962760
CIELab	81.16, -2.61, 0.77
CIELCh	81, 2.717, 163.548
Yxy	58.7549, 0.3103, 0.3326
Android (android.graphics.Color)	4291152840 (0xFFC5CBC8)
YUV	200.8640, -0.4260, -3.3887
Hunter-Lab	76.6501, -6.5045, 4.8499

Details

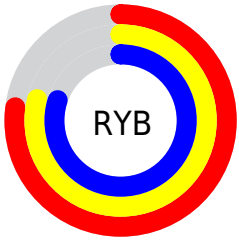
The HunterLab color 76.6501, -6.5045, 4.8499 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 75.3662, -1.5740, 3.4228, and the grayscale version is 76.3711, -4.0750, 4.1494.

A 20% lighter version of the original color is 99.9054, -5.6651, 5.3160, and 54.2309, -5.1668, 3.5953 is the 20% darker color. If you saturate the color by 10%, you get 74.6573, -14.2174, 7.1370, and if you desaturate by 10%, it is 78.8500, 1.7217, 2.6923.

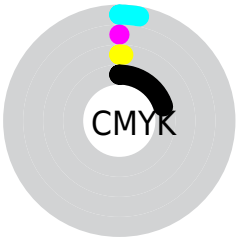
Distribution



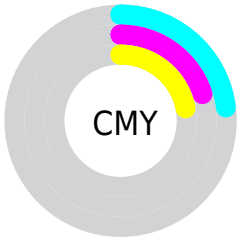
- Red (77%)
- Green (80%)
- Blue (78%)



- Red (77%)
- Yellow (79%)
- Blue (80%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



- Cyan (23%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.6501, -6.5045, 4.8499 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 76.6501, -6.5045, 4.8499 by changing the saturation by 10% instead.

76.6501, -6.5045, 4.8499

76.6501, -6.5045, 4.8499

204.9373, -14.3039, 12.0994

65.1274, -5.7616, 4.1876

101.4994, -8.0729, 6.2708

54.2467, -5.0435, 3.5569

114.7683, -8.8935, 7.0245

44.0501, -4.3527, 2.9609

128.5697, -9.7383, 7.8059

34.5870, -3.6894, 2.4016

142.8838, -10.6065, 8.6142

25.9196, -3.0538, 1.8814

157.6930, -11.4977, 9.4484

18.1288, -2.4450, 1.4034

172.9811,

11.3273, -1.8599,

-12.4114, 10.3078

0.9712

188.7336, -13.3469, 11.1917

3.5784, -3.3638, 1.0860

0.0000, NaN, NaN

76.6501, -6.5045, 4.8499

76.6501, -6.5045, 4.8499

74.6573, -14.2174, 7.1370

78.8500, 1.7217, 2.6923

72.8730, -21.3393, 9.5334

81.2444, 10.3947, 0.6725

71.3032, -27.8032, 12.0188

83.4947, 18.3838, -1.6350

69.9499, -33.5478, 14.5670

83.8467, 20.2118, -6.6187

68.8120, -38.5250, 17.1476

84.2172, 22.1286, -11.8436

67.8853, -42.7049, 19.7271

84.3766, 22.9509, -14.0849

67.1611, -46.0810, 22.2701

66.6262, -48.6754, 24.7400

66.2612, -50.5451, 27.1000

Harmonies

Analogous

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

76.6517, -5.8299, 5.8969

76.6501, -6.5045, 4.8499

76.6517, -6.5390, 3.6062

Triad

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

76.6517, -6.5062, 4.8511

76.6517, -3.5003, 1.7947

76.6517, -2.2510, 5.8126

Complementary

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

76.6501, -6.5045, 4.8499

75.3662, -1.5740, 3.4228

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.

76.6517, -1.6180, 4.7342

76.6501, -6.5045, 4.8499

76.6517, -2.3426, 2.4068

Square

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

76.6517, -6.5062, 4.8511

76.6517, -4.8095, 1.8273

76.6517, -1.6517, 3.4874

76.6517, -3.3759, 6.4456

Rectangle

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

76.6501, -6.5045, 4.8499

76.6517, -6.1920, 2.8299

76.6517, -1.6517, 3.4874

76.6517, -1.9733, 5.4910

Sweetspot

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

76.6517, -6.5062, 4.8511

99.7184, -6.3987, 5.7208

76.8369, -6.0380, 6.4799

46.1407, -2.9360, 2.6401

0.0000, NaN, NaN

46.2646, -2.4686, 2.5136

Same Dimension

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

76.6517, -6.5062, 4.8511

98.8899, -9.5470, 6.5937

76.7411, -6.0142, 3.5764

35.9835, -3.7209, 2.4718

52.7291, -41.0045, 22.6103

12.0403, -8.9188, 4.2038

Inverse Universe

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

75.3662, -1.5740, 3.4228

96.6126, -0.8087, 4.0636

75.2770, -2.0604, 4.6963

35.0217, -0.0305, 1.4034

29.5013, 52.6347, 2.6857

6.8141, 12.3661, -0.9983

Previews

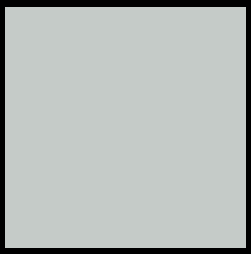
White Background

This preview shows how the HunterLab color 76.6501, -6.5045, 4.8499 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



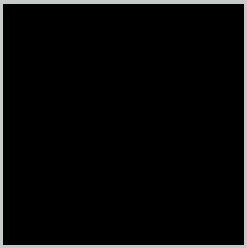
This preview shows how the HunterLab color 76.6501, -6.5045, 4.8499 looks on a black background.

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 76.6501, -6.5045, 4.8499 Background



This preview shows how black text looks on a background with the HunterLab color 76.6501, -6.5045, 4.8499.

This preview shows how white text looks on a background with the HunterLab color 76.6501, -6.5045,

4.8499.

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
76.6501, -6.5045, 4.8499

Protanopia
76.5205, -2.3073, 5.2452

Deuteranopia
76.5941, 5.7755, 4.0447

Tritanopia
76.5152, -1.2352, -3.2139

Trichromacy

Original Color
76.6501, -6.5045, 4.8499

Protanomaly
76.5463, -3.7786, 5.2494

Deuteranomaly
76.5521, 1.0140, 4.3909

Tritanomaly
76.5301, -3.1428, -0.1348

Monochromacy

Original Color
76.6501, -6.5045, 4.8499

Achromatopsia
76.4250, -4.0778, 4.1523

Achromatomaly
76.6404, -4.8985, 4.3911

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.6501, -6.5045, 4.8499 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(197, 203, 200) looks like.

```
.text, #text, p{
    color:rgb(197, 203, 200)
}
```

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(197, 203, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 203, 200) }
```

Border

The CSS property to change the border of an element to HunterLab 76.6501, -6.5045, 4.8499 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(197, 203, 200) }
```

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

```
.border{ border-color:rgb(197, 203, 200) }
```

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

Here you see how a box with a 4 pixel rgb(197, 203, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 203, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 203, 200); box-shadow:4px 4px 4px 4px rgb(197, 203, 200) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.6501, -6.5045, 4.8499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(197, 203, 200) }
```

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

```
.background{ background-color:rgb(197,
203, 200) }
```

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