

Converting Colors

HunterLab(50.0714, -1.1321,
-20.1769)

Have a look what the booklet for
HunterLab(50.0714, -1.1321,
-20.1769) contains.

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Color

**HunterLab(50.0496, -1.0427,
-20.3300)**

Conversions

Conversions Part 1

Format	Color
Hex	728AB4
RGB	114, 138, 180
RGB Percent	45%, 54%, 71%
CMY	0.5529, 0.4588, 0.2941
CMYK	0.37, 0.23, 0.00, 0.29
HSL	218°, 31%, 58%
HSV	218°, 37%, 71%
XYZ	24.2661, 25.0496, 46.7361
YIQ	135.6120, -27.7860, 7.9740

Conversions

Conversions Part 2

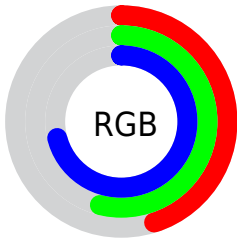
Format	Color
R_{YB}	114, 132, 180
Decimal	7506612
CIE _{Lab}	57.12, 2.00, -24.79
CIE _{LCh}	57, 24.871, 274.622
Yxy	25.0506, 0.2526, 0.2608
Android (android.graphics.Color)	4285696692 (0xFF728AB4)
YUV	135.6120, 21.8833, -18.9537
Hunter-Lab	50.0496, -1.0427, -20.3300

Details

The HunterLab color $50.0496, -1.0427, -20.3300$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $58.9030, -0.8082, 20.2566$, and the grayscale version is $49.3895, -2.6353, 2.6834$.

A 20% lighter version of the original color is $71.8628, -1.7645, -21.2224$, and $30.9330, -0.0606, -19.4255$ is the 20% darker color. If you saturate the color by 10%, you get $45.6558, 0.6169, -27.9317$, and if you desaturate by 10%, it is $54.6268, -2.2266, -13.2447$.

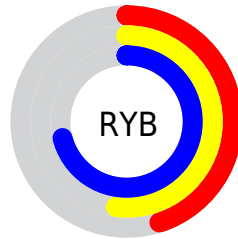
Distribution



Red (45%)

Green (54%)

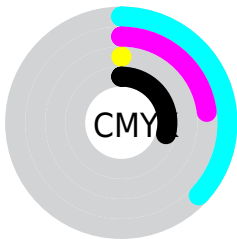
Blue (71%)



Red (45%)

Yellow (52%)

Blue (71%)

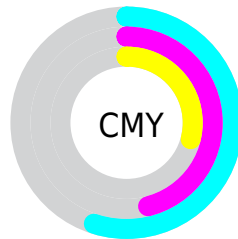


Cyan (37%)

Magenta (23%)

Yellow (0%)

Black (29%)



Cyan (55%)

Magenta (46%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0496, -1.0427, -20.3300 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 50.0496, -1.0427, -20.3300 by changing the saturation by 10% instead.

■ 50.0496, -1.0427,
-20.3300

■ 50.0496, -1.0427,
-20.3300

■ 166.7602, -6.4806,
-21.9733

■ 40.1432, -0.6280,
-19.8637

■ 71.9300, -2.0047,
-21.0857

■ 30.9926, -0.2626,
-19.3523

■ 83.8218, -2.5447,
-21.3744

■ 22.6674, 0.0467,
-18.8258

■ 96.3050, -3.1207,
-21.6052

■ 15.2595, 0.2906,
-18.3716

■ 109.3530, -3.7308,
-21.7804

■ 8.8811, 0.5090,
-18.3475

■ 122.9422, -4.3732,
-21.9025

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 137.0518, -5.0465,

-21.9738

0.0000, NaN, NaN

151.6634, -5.7493,
-21.9966

0.0000, NaN, NaN

■ 50.0496, -1.0427,
-20.3300

■ 50.0496, -1.0427,
-20.3300

■ 45.6558, 0.6169,
-27.9317

■ 54.6268, -2.2266,
-13.2447

■ 41.4704, 2.8454,
-36.1311

■ 59.3620, -3.0117,
-6.6022

■ 37.5289, 5.7455,
-44.9928

■ 64.2378, -3.4630,
-0.3321

■ 33.8732, 9.4192,
-54.5435

■ 69.2396, -3.6330,
5.6260

■ 30.5522, 13.9408,
-64.7263

■ 74.3550, -3.5645,
11.3231

■ 27.6121, 19.2886,
-75.3668

■ 79.5739, -3.2923,
16.8019

■ 26.6992, 21.1677,
-79.0666

■ 84.8878, -2.8445,
22.0982

■ 89.9710, -3.3451,
26.9257

■ 93.5526, -9.2418,
30.1188

Harmonies

Analogous

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



50.0506, -11.0005, -17.8148



50.0496, -1.0427, -20.3300



50.0506, 9.2674, -15.7043

Triad

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



50.0506, -1.0431, -20.3290



50.0506, 14.9661, 12.4166



50.0506, -19.5710, 10.2465

Complementary

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



50.0496, -1.0427, -20.3300



58.9030, -0.8082, 20.2566

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.



50.0506, -13.5898, 16.0440



50.0496, -1.0427, -20.3300



50.0506, 6.2367, 17.1049

Square

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



50.0506, -1.0431, -20.3290



50.0506, 18.9802, 4.2409



50.0506, -4.2828, 18.2822



50.0506, -21.1749, 1.1588

Rectangle

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



50.0496, -1.0427, -20.3300



50.0506, 14.7937, -9.6593



50.0506, -4.2828, 18.2822



50.0506, -18.0313, 12.5791

Sweetspot

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



50.0506, -1.0431, -20.3290



83.5079, -4.4390, -4.2092



62.1402, -24.7375, 7.9316



38.4179, -2.0259, -2.4785



95.4677, -5.0939, 5.1869



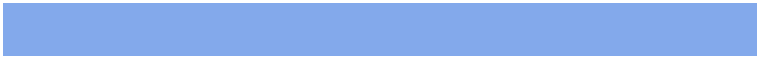
42.2927, -2.2566, 2.2978

Same Dimension

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



50.0506, -1.0431, -20.3290



62.5891, 0.3480, -35.5945



44.1893, 13.1362, -30.4771



29.5285, -1.5825, -0.9201



22.5682, 17.0293, -64.9698



5.2313, 0.4526, -7.5156

Inverse Universe

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



48.5527, 23.2216, 0.9612



60.6541, 39.3800, 1.4143



65.2214, -15.0717, 25.4527



29.2483, 1.4215, 1.2233



26.5599, 46.5464, 8.9324



4.8312, 8.6942, -0.1387

Previews

White Background



This preview shows how the HunterLab color 50.0496, -1.0427, -20.3300 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 50.0496, -1.0427, -20.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

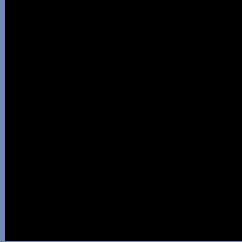
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

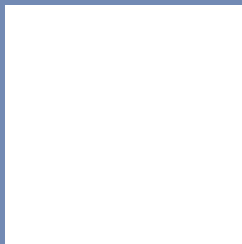
Any Text WCAG AAA × Fail

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

HunterLab 50.0496, -1.0427, -20.3300 Background



This preview shows how black text looks on a background with the HunterLab color 50.0496, -1.0427, -20.3300.



This preview shows how white text looks on a background with the HunterLab color 50.0496, -1.0427,

-20.3300.

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

50.0496, -1.0427, -20.3300

Protanopia

49.9022, 2.6588, -19.2472

Deuteranopia

50.0997, 3.5666, -20.8018



Tritanopia

50.1659, -10.0810, -5.3967

Trichromacy



Original Color

50.0496, -1.0427, -20.3300

Protanomaly

49.9279, 1.3830, -19.8553

Deuteranomaly

50.0820, 2.0687, -20.8571

Tritanomaly

50.0091, -6.9694, -10.3875

Monochromacy



Original Color

50.0496, -1.0427, -20.3300

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

49.7469, -2.6804, -4.7975

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0496, -1.0427, -20.3300 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(114, 138, 180)` looks like.

```
.text, #text, p{  
    color:rgb(114, 138, 180)  
}
```

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(114, 138, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 138, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0496, -1.0427, -20.3300 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(114, 138, 180) }
```


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

```
.border{ border-color:rgb(114, 138, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 138, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 138, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 138, 180);  
box-shadow:4px 4px 4px 4px rgb(114, 138,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0496, -1.0427, -20.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 138, 180) }
```

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

```
.background{ background-color: rgb(114,  
138, 180) }
```

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](#).

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