

Converting Colors

HunterLab(50.0458, -4.1913,
4.0510)

Have a look what the booklet for
HunterLab(50.0458, -4.1913, 4.0510)
contains.

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Color

**HunterLab(50.0491, -4.1896,
4.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	878A86
RGB	135, 138, 134
RGB Percent	53%, 54%, 53%
CMY	0.4706, 0.4588, 0.4745
CMYK	0.02, 0.00, 0.03, 0.46
HSL	105°, 2%, 53%
HSV	105°, 3%, 54%
XYZ	23.3833, 25.0491, 26.1569
YIQ	136.6470, -0.5040, -1.8800

Conversions

Conversions Part 2

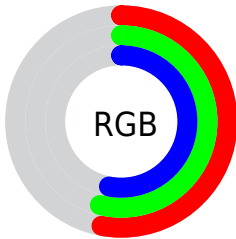
Format	Color
RYB	134, 138, 137
Decimal	8882822
CIELab	57.12, -1.89, 1.75
CIElCh	57, 2.573, 137.240
Yxy	25.0502, 0.3135, 0.3358
Android (android.graphics.Color)	4287072902 (0xFF878A86)
YUV	136.6470, -1.3050, -1.4444
Hunter-Lab	50.0491, -4.1896, 4.0480

Details

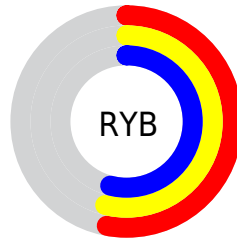
The HunterLab color $50.0491, -4.1896, 4.0480$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $49.1979, -1.0869, 1.3177$, and the grayscale version is $49.8817, -2.6616, 2.7102$.

A 20% lighter version of the original color is $71.7919, -5.4470, 5.3158$, and $30.9044, -3.0456, 2.8985$ is the 20% darker color. If you saturate the color by 10%, you get $48.8594, -9.1585, 8.3062$, and if you desaturate by 10%, it is $51.3437, 1.0891, -0.6012$.

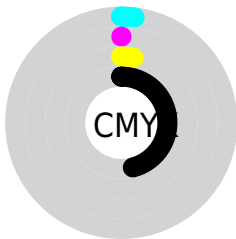
Distribution



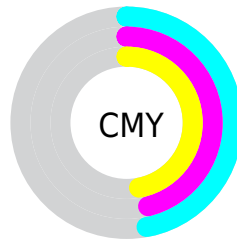
- Red (53%)
- Green (54%)
- Blue (53%)



- Red (53%)
- Yellow (54%)
- Blue (54%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (46%)



- Cyan (47%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0491, -4.1896, 4.0480 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 50.0491, -4.1896, 4.0480 by changing the saturation by 10% instead.

■ 50.0491, -4.1896,
4.0480

■ 50.0491, -4.1896,
4.0480

166.7597,
-11.1809, 11.0705

■ 40.1428, -3.5527,
3.4129

■ 71.9296, -5.5566,
5.4144

■ 30.9922, -2.9459,
2.8099

■ 83.8213, -6.2823,
6.1418

■ 22.6671, -2.3712,
2.2411

■ 96.3046, -7.0352,
6.8975

■ 15.2592, -1.8290,
1.7071

109.3525, -7.8146,
7.6806

■ 8.8809, -1.4012,
1.2987

122.9416, -8.6195,
8.4903

0.0000, NaN, NaN

137.0513, -9.4494,

0.0000, NaN, NaN

9.3256

0.0000, NaN, NaN

151.6628,
-10.3034, 10.1859

0.0000, NaN, NaN

■ 50.0491, -4.1896,
4.0480

■ 50.0491, -4.1896,
4.0480

■ 48.8594, -9.1585,
8.3062

■ 51.3437, 1.0891,
-0.6012

■ 47.7746, -13.7773,
12.1391

■ 52.7364, 6.6446,
-5.6098

■ 46.7982, -18.0115,
15.5186

■ 54.2241, 12.4404,
-10.9429

■ 45.9320, -21.8284,
18.4218

■ 55.8027, 18.4436,
-16.5672

■ 45.1766, -25.2006,
20.8332

■ 57.4678, 24.6241,
-22.4509

■ 44.5315, -28.1076,
22.7474

■ 59.2150, 30.9548,
-28.5646

■ 43.9947, -30.5384,
24.1714

■ 61.0401, 37.4117,
-34.8813

■ 43.5625, -32.4936,
25.1276

■ 62.9389, 43.9739,
-41.3767

■ 43.2295, -33.9880,
25.6569

■ 64.7469, 49.8771,
-45.8642

Harmonies

Analogous

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



50.0502, -3.2880, 4.5769



50.0491, -4.1896, 4.0480



50.0502, -4.6851, 3.1593

Triad

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



50.0502, -4.1908, 4.0488



50.0502, -3.1317, 0.7565



50.0502, -0.6718, 3.3071

Complementary

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



50.0491, -4.1896, 4.0480



49.1979, -1.0869, 1.3177

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.



50.0502, -0.6291, 2.2855



50.0491, -4.1896, 4.0480



50.0502, -2.0555, 0.7982

Square

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



50.0502, -4.1908, 4.0488



50.0502, -4.0771, 1.2502



50.0502, -1.1374, 1.3627



50.0502, -1.2537, 4.1550

Rectangle

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



50.0491, -4.1896, 4.0480



50.0502, -4.7193, 2.4744



50.0502, -1.1374, 1.3627



50.0502, -0.5937, 2.9730

Sweetspot

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



50.0502, -4.1908, 4.0488



66.7601, -4.2769, 4.2538



50.0170, -2.8387, 4.0343



31.6229, -2.0029, 1.9948



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



50.0502, -4.1908, 4.0488



66.4207, -5.6754, 5.4722



49.9957, -4.3258, 3.5478



24.1204, -2.2114, 2.1181



41.2202, -33.3180, 24.8164



3.4487, -2.3446, 2.0840

Inverse Universe

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



49.1979, -1.0869, 1.3177



65.2253, -1.3224, 1.6420



49.2548, -0.9495, 1.8438



23.6014, -0.3211, 0.4548



20.8858, 43.8227, -48.9456



1.8938, 3.8334, -3.3508

Previews

White Background



This preview shows how the HunterLab color 50.0491, -4.1896, 4.0480 looks on a white background.

Color Contrast Check

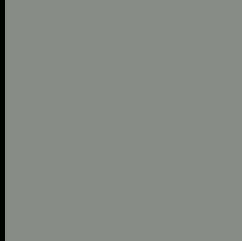
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.0491, -4.1896, 4.0480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

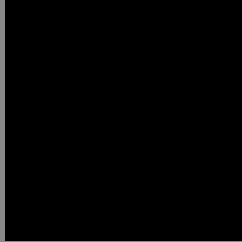
Any Text WCAG AA ✓ Pass

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 50.0491, -4.1896, 4.0480 Background



This preview shows how black text looks on a background with the HunterLab color 50.0491, -4.1896, 4.0480.



This preview shows how white text looks on a background with the HunterLab color 50.0491, -4.1896, 4.0480.

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

50.0491, -4.1896, 4.0480

Protanopia

49.8771, -1.9197, 4.3223

Deuteranopia

50.1035, 3.2484, 3.8061



Tritanopia

50.0333, -0.5540, -1.8902

Trichromacy



Original Color

50.0491, -4.1896, 4.0480

Protanomaly

49.9880, -2.9908, 4.4305

Deuteranomaly

50.0969, 0.3896, 3.7483

Tritanomaly

50.0785, -2.1576, 0.5219

Monochromacy



Original Color

50.0491, -4.1896, 4.0480

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

49.9030, -3.1187, 3.0214

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0491, -4.1896, 4.0480 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(135, 138, 134)` looks like.

```
.text, #text, p{  
    color:rgb(135, 138, 134)  
}
```

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(135, 138, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 138, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0491, -4.1896, 4.0480 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(135, 138, 134) }
```


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

```
.border{ border-color:rgb(135, 138, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 138, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 138, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 138, 134);  
box-shadow:4px 4px 4px 4px rgb(135, 138,  
134) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0491, -4.1896, 4.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 138, 134) }
```

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

```
.background{ background-color: rgb(135,  
138, 134) }
```

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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