

Converting Colors

HunterLab(45.3902, -5.8544,
3.8602)

Have a look what the booklet for
HunterLab(45.3902, -5.8544, 3.8602)
contains.

| | |
|--|----|
| HunterLab(45.5691, -5.9481, 4.0190) | 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(45.5691, -5.9481,
4.0190)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 77807A |
| RGB | 119, 128, 122 |
| RGB Percent | 47%, 50%, 48% |
| CMY | 0.5333, 0.4980, 0.5216 |
| CMYK | 0.07, 0.00, 0.05, 0.50 |
| HSL | 140°, 4%, 48% |
| HSV | 140°, 7%, 50% |
| XYZ | 18.8398, 20.7654, 21.4275 |
| YIQ | 124.6250, -3.4380, -3.7740 |

Conversions

Conversions Part 2

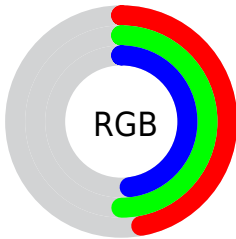
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 119, 126, 128 |
| Decimal | 7831674 |
| CIE _{Lab} | 52.69, -4.56, 2.10 |
| CIE _{LCh} | 53, 5.019, 155.232 |
| Yxy | 20.7663, 0.3087, 0.3402 |
| Android (android.graphics.Color) | 4286021754 (0xFF77807A) |
| YUV | 124.6250, -1.2941, -4.9331 |
| Hunter-Lab | 45.5691, -5.9481, 4.0190 |

Details

The HunterLab color $45.5691, -5.9481, 4.0190$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43.8908, 1.2812, 0.8571$, and the grayscale version is $45.1458, -2.4089, 2.4529$.

A 20% lighter version of the original color is $66.9042, -7.8053, 5.6023$, and $27.2261, -4.3936, 2.9730$ is the 20% darker color. If you saturate the color by 10%, you get $44.4054, -10.6022, 6.1330$, and if you desaturate by 10%, it is $46.8559, -0.9705, 1.8929$.

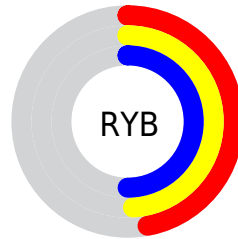
Distribution



Red (47%)

Green (50%)

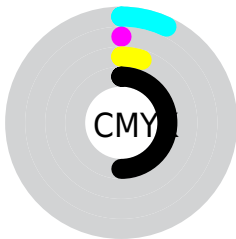
Blue (48%)



Red (47%)

Yellow (49%)

Blue (50%)

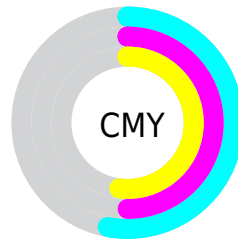


Cyan (7%)

Magenta (0%)

Yellow (5%)

Black (50%)



Cyan (53%)

Magenta (50%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.5691, -5.9481, 4.0190 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 45.5691, -5.9481, 4.0190 by changing the saturation by 10% instead.

■ 45.5691, -5.9481,
4.0190

■ 45.5691, -5.9481,
4.0190

160.0106,
-13.9361, 11.0730

■ 35.9907, -5.1630,
3.3775

■ 66.8568, -7.5791,
5.3952

■ 27.1963, -4.3933,
2.7668

■ 78.4768, -8.4248,
6.1267

■ 19.2645, -3.6356,
2.1879

■ 90.7014, -9.2914,
6.8860

■ 12.3019, -2.8802,
1.6398

103.5022,
-10.1790, 7.6724

■ 5.4599, -3.9286,
1.8935

116.8542,
-11.0874, 8.4850

0.0000, NaN, NaN

130.7356,

0.0000, NaN, NaN

-12.0166, 9.3231

0.0000, NaN, NaN

145.1269,
-12.9662, 10.1860

0.0000, NaN, NaN

■ 45.5691, -5.9481,
4.0190

■ 45.5691, -5.9481,
4.0190

■ 44.4054, -10.6022,
6.1330

■ 46.8559, -0.9705,
1.8929

■ 43.3656, -14.8854,
8.2139

■ 48.2585, 4.2892,
-0.2308

■ 42.4532, -18.7566,
10.2415

■ 49.7728, 9.7876,
-2.3378

■ 41.6692, -22.1789,
12.1936

■ 51.3933, 15.4855,
-4.4170

■ 41.0130, -25.1235,
14.0477

■ 53.1145, 21.3474,
-6.4598

■ 40.4820, -27.5729,
15.7819

■ 54.9306, 27.3424,
-8.4601

■ 40.0710, -29.5240,
17.3760

■ 56.8361, 33.4437,
-10.4136

■ 39.7724, -30.9909,
18.8126

■ 58.8256, 39.6289,
-12.3180

■ 39.5659, -32.0458,
20.0701

■ 60.8940, 45.8791,
-14.1719

Harmonies

Analogous

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



45.5701, -4.6798, 5.4308



45.5691, -5.9481, 4.0190



45.5701, -6.2833, 2.1382

Triad

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



45.5701, -5.9491, 4.0197



45.5701, -2.0749, -1.4032



45.5701, 0.8220, 4.5857

Complementary

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



45.5691, -5.9481, 4.0190



43.8908, 1.2812, 0.8571

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.



45.5701, 1.5476, 2.8202



45.5691, -5.9481, 4.0190



45.5701, -0.1437, -0.6813

Square

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



45.5701, -5.9491, 4.0197



45.5701, -4.0694, -1.0477



45.5701, 1.1911, 0.8857



45.5701, -0.7751, 5.7474

Rectangle

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



45.5691, -5.9481, 4.0190



45.5701, -5.9361, 0.8573



45.5701, 1.1911, 0.8857



45.5701, 1.1772, 4.0461

Sweetspot

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



45.5701, -5.9491, 4.0197



61.2963, -4.6497, 3.9271



45.9810, -4.6540, 5.7470



29.6711, -2.2038, 1.8806



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



45.5701, -5.9491, 4.0197



60.2790, -8.6276, 5.6577



45.6910, -5.2785, 2.2935



22.0013, -3.3675, 2.1638



39.3433, -32.1879, 20.3088

0.0000, NaN, NaN

Inverse Universe

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



43.8908, 1.2812, 0.8571



57.6895, 2.5233, 0.7810



43.7667, 0.6105, 2.6260



20.9495, 1.1620, 0.1831

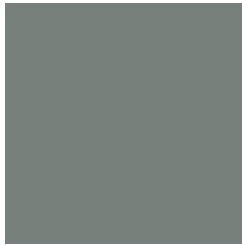


22.8178, 41.9512, -7.5419

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 45.5691, -5.9481, 4.0190 looks on a white background.

Color Contrast Check

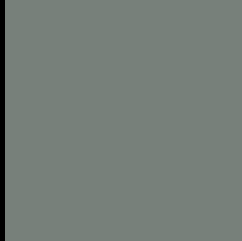
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.5691, -5.9481, 4.0190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

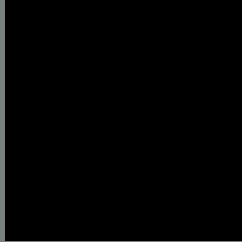
Any Text WCAG AA ✓ Pass

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 45.5691, -5.9481, 4.0190 Background



This preview shows how black text looks on a background with the HunterLab color 45.5691, -5.9481, 4.0190.



This preview shows how white text looks on a background with the HunterLab color 45.5691, -5.9481, 4.0190.

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

45.5691, -5.9481, 4.0190

Protanopia

45.4867, -1.9923, 4.8323

Deuteranopia

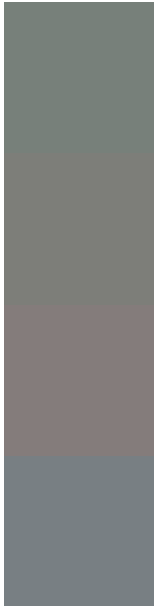
45.6488, 2.9430, 3.8414



Tritanopia

45.5678, -2.2216, -2.2671

Trichromacy



Original Color

45.5691, -5.9481, 4.0190

Protanomaly

45.4556, -3.4852, 4.3540

Deuteranomaly

45.5532, -0.1783, 3.6768

Tritanomaly

45.6185, -3.7979, 0.1355

Monochromacy



Original Color

45.5691, -5.9481, 4.0190

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

45.3739, -3.6070, 2.9789

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.5691, -5.9481, 4.0190 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(119, 128, 122)` looks like.

```
.text, #text, p{  
    color:rgb(119, 128, 122)  
}
```

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(119, 128, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 128, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 45.5691, -5.9481, 4.0190 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(119, 128, 122) }
```


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

```
.border{ border-color:rgb(119, 128, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 128, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 128, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 128, 122);  
box-shadow:4px 4px 4px 4px rgb(119, 128,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.5691, -5.9481, 4.0190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 128, 122) }
```

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

```
.background{ background-color: rgb(119,  
128, 122) }
```

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