

Converting Colors

HunterLab(45.1048, -7.2608,
6.4501)

Have a look what the booklet for
HunterLab(45.1048, -7.2608, 6.4501)
contains.

HunterLab(45.2306, -7.5263, 6.4778)	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(45.2306, -7.5263,
6.4778)

Conversions

Conversions Part 1

Format	Color
Hex	758073
RGB	117, 128, 115
RGB Percent	46%, 50%, 45%
CMY	0.5412, 0.4980, 0.5490
CMYK	0.09, 0.00, 0.10, 0.50
HSL	111°, 5%, 48%
HSV	111°, 10%, 50%
XYZ	18.1498, 20.4581, 19.2118
YIQ	123.2290, -2.3830, -6.3750

Conversions

Conversions Part 2

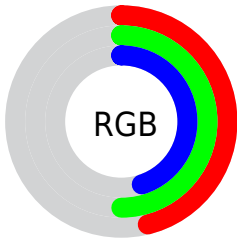
Format	Color
R_{YB}	115, 128, 126
Decimal	7700595
CIE Lab	52.35, -6.69, 5.67
CIE LCh	52, 8.772, 139.718
Yxy	20.4589, 0.3139, 0.3538
Android (android.graphics.Color)	4285890675 (0xFF758073)
YUV	123.2290, -4.0569, -5.4628
Hunter-Lab	45.2306, -7.5263, 6.4778

Details

The HunterLab color $45.2306, -7.5263, 6.4778$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $42.7272, 3.0656, -1.9580$, and the grayscale version is $44.6111, -2.3803, 2.4238$.

A 20% lighter version of the original color is $66.5378, -9.5063, 8.2569$, and $26.9489, -5.6743, 4.8235$ is the 20% darker color. If you saturate the color by 10%, you get $44.1328, -12.1471, 10.0240$, and if you desaturate by 10%, it is $46.4420, -2.5600, 2.5883$.

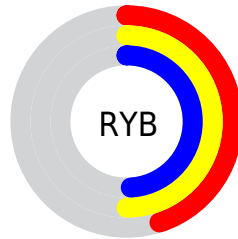
Distribution



Red (46%)

Green (50%)

Blue (45%)



Red (45%)

Yellow (50%)

Blue (49%)

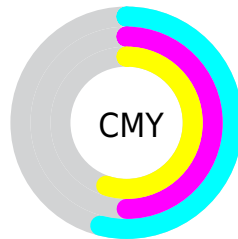


Cyan (9%)

Magenta (0%)

Yellow (10%)

Black (50%)



Cyan (54%)

Magenta (50%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.2306, -7.5263, 6.4778 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 45.2306, -7.5263, 6.4778 by changing the saturation by 10% instead.

■ 45.2306, -7.5263,
6.4778

■ 45.2306, -7.5263,
6.4778

159.4958,
-16.4005, 14.9665

■ 35.6779, -6.6099,
5.6220

■ 66.4720, -9.3918,
8.2353

■ 26.9115, -5.6959,
4.7750

■ 78.0709, -10.3442,
9.1396

■ 19.0107, -4.7761,
3.9297

■ 90.2754, -11.3118,
10.0626

■ 12.0835, -3.8323,
3.0702

103.0570,
-12.2956, 11.0046

■ 5.1030, -5.9872,
3.5721

116.3906,
-13.2961, 11.9660

0.0000, NaN, NaN

130.2543,

0.0000, NaN, NaN

-14.3137, 12.9468

0.0000, NaN, NaN

144.6285,
-15.3484, 13.9470

0.0000, NaN, NaN

■ 45.2306, -7.5263,
6.4778

■ 45.2306, -7.5263,
6.4778

■ 44.1328, -12.1471,
10.0240

■ 46.4420, -2.5600,
2.5883

■ 43.1488, -16.3778,
13.1932

■ 47.7603, 2.7129,
-1.6128

■ 42.2819, -20.1810,
15.9587

■ 49.1819, 8.2505,
-6.0910

■ 41.5332, -23.5234,
18.2991

■ 50.7021, 14.0142,
-10.8131

■ 40.9021, -26.3796,
20.2020

■ 52.3160, 19.9688,
-15.7481

■ 40.3866, -28.7352,
21.6662

■ 54.0185, 26.0826,
-20.8676

■ 39.9828, -30.5889,
22.7042

■ 55.8047, 32.3279,
-26.1457

■ 39.6844, -31.9553,
23.3451

■ 57.6699, 38.6808,
-31.5599

■ 39.4774, -32.9047,
23.7497

■ 59.6094, 45.1209,
-37.0902

Harmonies

Analogous

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



45.2316, -4.7055, 8.1804



45.2306, -7.5263, 6.4778



45.2316, -8.9649, 3.6106

Triad

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



45.2316, -7.5273, 6.4784



45.2316, -3.6329, -4.4354



45.2316, 4.2196, 4.6073

Complementary

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



45.2306, -7.5263, 6.4778



42.7272, 3.0656, -1.9580

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.



45.2316, 4.5284, 1.2826



45.2306, -7.5263, 6.4778



45.2316, -0.0798, -4.1165

Square

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



45.2316, -7.5273, 6.4784



45.2316, -6.7631, -2.8003



45.2316, 2.9331, -1.9601



45.2316, 2.1020, 7.1595

Rectangle

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



45.2306, -7.5263, 6.4778



45.2316, -8.9760, 1.3475



45.2316, 2.9331, -1.9601



45.2316, 4.5408, 3.5490

Sweetspot

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



45.2316, -7.5273, 6.4784



61.1396, -5.3599, 4.9816



45.5050, -3.3893, 6.8472



29.5254, -2.8307, 2.5968



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.



45.2316, -7.5273, 6.4784



59.6947, -11.3266, 9.6322



45.1929, -7.4401, 4.6820



22.0183, -3.4056, 2.9520



39.3102, -32.7626, 23.6492

0.0000, NaN, NaN

Inverse Universe

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



42.7272, 3.0656, -1.9580



55.6889, 5.6216, -3.8677



42.7762, 2.9685, 0.1319



20.9284, 1.2039, -0.7189



21.7405, 44.3394, -41.0522

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 45.2306, -7.5263, 6.4778 looks on a white background.

Color Contrast Check

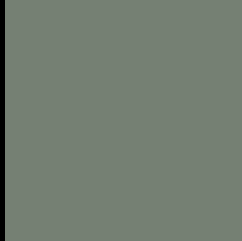
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.2306, -7.5263, 6.4778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

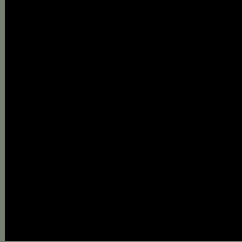
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

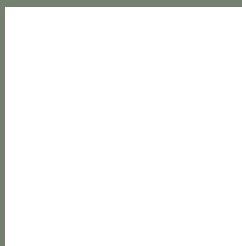
Any Text WCAG AAA × Fail

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

HunterLab 45.2306, -7.5263, 6.4778 Background



This preview shows how black text looks on a background with the HunterLab color 45.2306, -7.5263, 6.4778.



This preview shows how white text looks on a background with the HunterLab color 45.2306, -7.5263, 6.4778.

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

45.2306, -7.5263, 6.4778

Protanopia

45.1147, -2.2160, 7.2291

Deuteranopia

45.0475, 3.3591, 5.6663



Tritanopia

45.1770, -2.2002, -2.2830

Trichromacy



Original Color

45.2306, -7.5263, 6.4778

Protanomaly

44.9912, -4.0344, 6.6737

Deuteranomaly

45.0915, -0.7231, 6.0467

Tritanomaly

45.1688, -4.0990, 0.9543

Monochromacy



Original Color

45.2306, -7.5263, 6.4778

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

44.8199, -4.3228, 4.0360

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.2306, -7.5263, 6.4778 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(117, 128, 115)` looks like.

```
.text, #text, p{  
    color:rgb(117, 128, 115)  
}
```

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(117, 128, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 128, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 45.2306, -7.5263, 6.4778 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(117, 128, 115) }
```


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

```
.border{ border-color:rgb(117, 128, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 128, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 128, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 128, 115);  
box-shadow:4px 4px 4px 4px rgb(117, 128,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.2306, -7.5263, 6.4778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 128, 115) }
```

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

```
.background{ background-color: rgb(117,  
128, 115) }
```

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