

Converting Colors

HunterLab(46.2913, -8.6226,
6.6991)

Have a look what the booklet for
HunterLab(46.2913, -8.6226, 6.6991)
contains.

HunterLab(46.1507, -8.5784, 6.6666)	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(46.1507, -8.5784,
6.6666)**

Conversions

Conversions Part 1

Format	Color
Hex	758375
RGB	117, 131, 117
RGB Percent	46%, 51%, 46%
CMY	0.5412, 0.4863, 0.5412
CMYK	0.11, 0.00, 0.11, 0.49
HSL	120°, 6%, 49%
HSV	120°, 11%, 51%
XYZ	18.6633, 21.2989, 19.9570
YIQ	125.2180, -3.8500, -7.3220

Conversions

Conversions Part 2

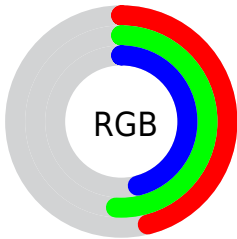
Format	Color
R_{YB}	117, 131, 131
Decimal	7701365
CIE _{Lab}	53.28, -7.98, 5.83
CIE _{LCh}	53, 9.888, 143.851
Yxy	21.2998, 0.3115, 0.3555
Android (android.graphics.Color)	4285891445 (0xFF758375)
YUV	125.2180, -4.0515, -7.2072
Hunter-Lab	46.1507, -8.5784, 6.6666

Details

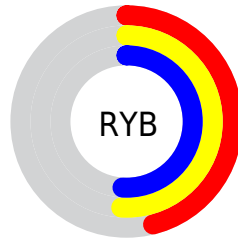
The HunterLab color $46.1507, -8.5784, 6.6666$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $43.8031, 4.1076, -2.0029$, and the grayscale version is $45.3881, -2.4218, 2.4660$.

A 20% lighter version of the original color is $67.5134, -10.6358, 8.4512$, and $27.8019, -6.6271, 5.0085$ is the 20% darker color. If you saturate the color by 10%, you get $44.9088, -13.7716, 10.1757$, and if you desaturate by 10%, it is $47.5412, -2.9447, 2.8605$.

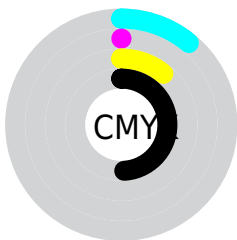
Distribution



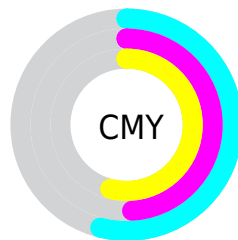
- Red (46%)
- Green (51%)
- Blue (46%)



- Red (46%)
- Yellow (51%)
- Blue (51%)



- Cyan (11%)
- Magenta (0%)
- Yellow (11%)
- Black (49%)



- Cyan (54%)
- Magenta (49%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.1507, -8.5784, 6.6666 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 46.1507, -8.5784, 6.6666 by changing the saturation by 10% instead.

■ 46.1507, -8.5784,
6.6666

■ 46.1507, -8.5784,
6.6666

160.8936,
-18.0068, 15.2365

■ 36.5285, -7.5812,
5.7998

■ 67.5173, -10.5893,
8.4447

■ 27.6864, -6.5793,
4.9413

■ 79.1735, -11.6081,
9.3586

■ 19.7017, -5.5620,
4.0840

■ 91.4325, -12.6389,
10.2909

■ 12.6789, -4.5073,
3.2123

104.2660,
-13.6831, 11.2418

■ 6.0223, -6.0987,
4.2156

117.6495,
-14.7414, 12.2118

0.0000, NaN, NaN

131.5611,

0.0000, NaN, NaN

-15.8145, 13.2009

0.0000, NaN, NaN

145.9816,
-16.9029, 14.2092

0.0000, NaN, NaN

■ 46.1507, -8.5784,
6.6666

■ 46.1507, -8.5784,
6.6666

■ 44.9088, -13.7716,
10.1757

■ 47.5412, -2.9447,
2.8605

■ 43.8170, -18.4611,
13.3451

■ 49.0717, 3.0714,
-1.2031

■ 42.8792, -22.5929,
16.1379

■ 50.7366, 9.4096,
-5.4833

■ 42.0959, -26.1218,
18.5236

■ 52.5288, 16.0152,
-9.9430

■ 41.4653, -29.0175,
20.4814

■ 54.4408, 22.8390,
-14.5490

■ 40.9825, -31.2690,
22.0038

■ 56.4654, 29.8383,
-19.2723

■ 40.6391, -32.8890,
23.0993

■ 58.5954, 36.9767,
-24.0883

■ 40.4228, -33.9177,
23.7950

■ 60.8238, 44.2237,
-28.9764

■ 40.2907, -34.5493,
24.2221

■ 63.1441, 51.5546,
-33.9198

Harmonies

Analogous

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



46.1517, -5.5683, 8.7801



46.1507, -8.5784, 6.6666



46.1517, -9.9467, 3.2977

Triad

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



46.1517, -8.5794, 6.6672



46.1517, -3.2952, -5.4666



46.1517, 4.8666, 5.4051

Complementary

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



46.1507, -8.5784, 6.6666



43.8031, 4.1076, -2.0029

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.



46.1517, 5.5259, 1.7125



46.1507, -8.5784, 6.6666



46.1517, 0.7225, -4.7805

Square

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



46.1517, -8.5794, 6.6672



46.1517, -6.9643, -3.8709



46.1517, 3.9853, -2.0692



46.1517, 2.2135, 8.0965

Rectangle

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



46.1507, -8.5784, 6.6666



46.1517, -9.7769, 0.7055



46.1517, 3.9853, -2.0692



46.1517, 5.3325, 4.2486

Sweetspot

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



46.1517, -8.5794, 6.6672



63.1581, -5.7850, 5.0738



47.2687, -4.5959, 7.9363



30.4066, -3.0660, 2.6337



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



46.1517, -8.5794, 6.6672



61.3052, -13.3557, 10.1888



46.3365, -7.5447, 4.0198



22.8139, -3.8056, 2.9997



39.9732, -34.2770, 24.0312



2.3528, -2.0175, 1.4145

Inverse Universe

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



43.8031, 4.1076, -2.0029



57.4079, 7.7061, -4.2045



43.5932, 2.9857, 0.9783



21.8239, 1.5413, -0.6543



25.2246, 49.5925, -33.2698



1.4847, 2.9190, -1.9582

Previews

White Background



This preview shows how the HunterLab color 46.1507, -8.5784, 6.6666 looks on a white background.

Color Contrast Check

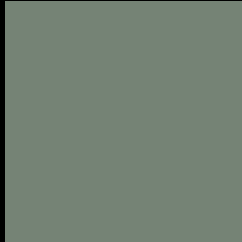
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.1507, -8.5784, 6.6666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

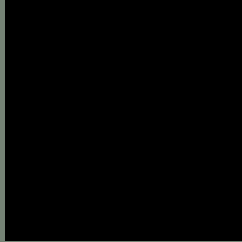
Any Text WCAG AA ✓ Pass

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 46.1507, -8.5784, 6.6666 Background



This preview shows how black text looks on a background with the HunterLab color 46.1507, -8.5784, 6.6666.



This preview shows how white text looks on a background with the HunterLab color 46.1507, -8.5784,

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

46.1507, -8.5784, 6.6666

Protanopia

46.1758, -2.7230, 7.5796

Deuteranopia

46.0962, 2.8504, 6.0060



Tritanopia

46.1155, -3.0852, -2.5518

Trichromacy



Original Color

46.1507, -8.5784, 6.6666

Protanomaly

46.0558, -4.5403, 7.0289

Deuteranomaly

46.0611, -1.5366, 6.2937

Tritanomaly

46.0805, -5.1540, 1.1313

Monochromacy



Original Color

46.1507, -8.5784, 6.6666

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

45.5208, -4.6541, 3.9865

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.1507, -8.5784, 6.6666 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, 131, 117)` looks like.

```
.text, #text, p{  
    color:rgb(117, 131, 117)  
}
```

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, 131, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 131, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 46.1507, -8.5784, 6.6666 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, 131, 117) }
```


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

```
.border{ border-color:rgb(117, 131, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 131, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 131, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 131, 117);  
box-shadow:4px 4px 4px 4px rgb(117, 131,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.1507, -8.5784, 6.6666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 131, 117) }
```

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

```
.background{ background-color: rgb(117,  
131, 117) }
```

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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