

Converting Colors

HunterLab(48.1768, -6.7725,
3.2773)

Have a look what the booklet for
HunterLab(48.1768, -6.7725, 3.2773)
contains.

HunterLab(48.1431, -6.6518, 3.1047)	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(48.1431, -6.6518,
3.1047)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8783
RGB	123, 135, 131
RGB Percent	48%, 53%, 51%
CMY	0.5176, 0.4706, 0.4863
CMYK	0.09, 0.00, 0.03, 0.47
HSL	160°, 5%, 51%
HSV	160°, 9%, 53%
XYZ	20.9291, 23.1776, 24.8433
YIQ	130.9560, -5.8680, -3.7880

Conversions

Conversions Part 2

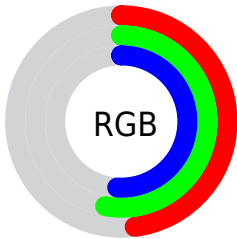
Format	Color
R_{YB}	123, 130, 135
Decimal	8095619
CIE _{Lab}	55.26, -5.20, 0.64
CIE _{LCh}	55, 5.243, 172.965
Yxy	23.1786, 0.3035, 0.3362
Android (android.graphics.Color)	4286285699 (0xFF7B8783)
YUV	130.9560, 0.0217, -6.9774
Hunter-Lab	48.1431, -6.6518, 3.1047

Details

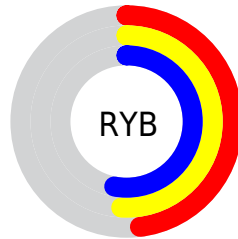
The HunterLab color $48.1431, -6.6518, 3.1047$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $45.6615, 1.8191, 2.0953$, and the grayscale version is $47.6260, -2.5412, 2.5876$.

A 20% lighter version of the original color is $69.6714, -8.3910, 4.1939$, and $29.2610, -4.8719, 1.7704$ is the 20% darker color. If you saturate the color by 10%, you get $47.0438, -10.8752, 3.7075$, and if you desaturate by 10%, it is $49.3646, -2.1072, 2.6275$.

Distribution



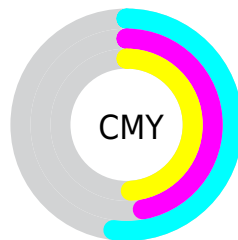
- Red (48%)
- Green (53%)
- Blue (51%)



- Red (48%)
- Yellow (51%)
- Blue (53%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (47%)



- Cyan (52%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.1431, -6.6518, 3.1047 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 48.1431, -6.6518, 3.1047 by changing the saturation by 10% instead.

■ 48.1431, -6.6518,
3.1047

■ 48.1431, -6.6518,
3.1047

163.9027,
-14.9526, 9.6531

■ 38.3737, -5.8232,
2.5379

■ 69.7756, -8.3628,
4.3474

■ 29.3716, -5.0073,
2.0091

■ 81.5535, -9.2457,
5.0180

■ 21.2100, -4.2001,
1.5220

■ 93.9284, -10.1480,
5.7197

■ 13.9865, -3.3916,
1.0803

106.8727,
-11.0698, 6.4512

■ 7.6279, -3.3798,
0.7642

120.3624,
-12.0112, 7.2112

0.0000, NaN, NaN

134.3762,

0.0000, NaN, NaN

-12.9723, 7.9988

0.0000, NaN, NaN

148.8953,
-13.9528, 8.8131

0.0000, NaN, NaN

■ 48.1431, -6.6518,
3.1047

■ 48.1431, -6.6518,
3.1047

■ 47.0438, -10.8752,
3.7075

■ 49.3646, -2.1072,
2.6275

■ 46.0659, -14.7386,
4.4308

■ 50.7017, 2.7243,
2.2741

■ 45.2119, -18.2107,
5.2698

■ 52.1513, 7.8045,
2.0435

■ 44.4816, -21.2654,
6.2158

■ 53.7088, 13.0981,
1.9322

■ 43.8730, -23.8846,
7.2575

■ 55.3693, 18.5720,
1.9354

■ 43.3824, -26.0613,
8.3804

■ 57.1276, 24.1965,
2.0476

■ 43.0035, -27.8014,
9.5677

■ 58.9786, 29.9450,
2.2625

■ 42.7274, -29.1267,
10.7999

■ 60.9171, 35.7947,
2.5734

■ 42.5264, -30.1416,
12.0398

■ 62.9382, 41.7258,
2.9739

Harmonies

Analogous

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



48.1441, -5.8651, 4.9561



48.1431, -6.6518, 3.1047



48.1441, -6.3625, 1.0422

Triad

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



48.1441, -6.6528, 3.1054



48.1441, -0.9286, -1.1888



48.1441, -0.0261, 5.6899

Complementary

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



48.1431, -6.6518, 3.1047



45.6615, 1.8191, 2.0953

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.



48.1441, 1.3407, 4.1474



48.1431, -6.6518, 3.1047



48.1441, 0.8132, 0.1619

Square

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



48.1441, -6.6528, 3.1054



48.1441, -3.0827, -1.4980



48.1441, 1.6506, 2.1307



48.1441, -2.0580, 6.4047

Rectangle

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



48.1431, -6.6518, 3.1047



48.1441, -5.5942, -0.1709



48.1441, 1.6506, 2.1307



48.1441, 0.5278, 5.2544

Sweetspot

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



48.1441, -6.6528, 3.1054



65.3571, -5.4100, 3.7629



48.2560, -6.6869, 6.5940



31.3931, -2.8234, 1.8336



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.



48.1441, -6.6528, 3.1054



64.0639, -10.2746, 4.3306



47.7400, -5.1857, 0.8577



22.9198, -3.2151, 1.4849



40.8185, -29.0287, 11.6451



2.4307, -1.5372, 0.2803

Inverse Universe

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



45.6615, 1.8191, 2.0953



59.8729, 4.0318, 2.6280



46.0415, 0.3618, 4.2455



21.7082, 0.9197, 0.9919



22.1966, 38.8103, 8.1574



1.3535, 2.4555, -0.1927

Previews

White Background



This preview shows how the HunterLab color 48.1431, -6.6518, 3.1047 looks on a white background.

Color Contrast Check

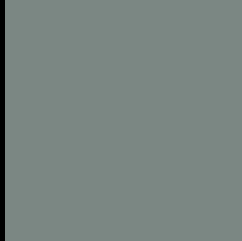
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.1431, -6.6518, 3.1047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

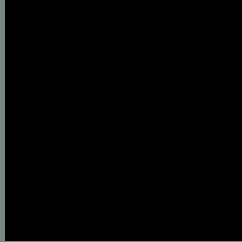
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

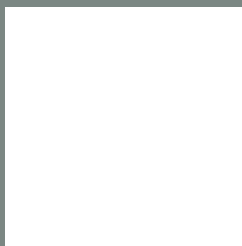
Any Text WCAG AAA × Fail

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

HunterLab 48.1431, -6.6518, 3.1047 Background



This preview shows how black text looks on a background with the HunterLab color 48.1431, -6.6518, 3.1047.



This preview shows how white text looks on a background with the HunterLab color 48.1431, -6.6518,

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

48.1431, -6.6518, 3.1047

Protanopia

48.2062, -2.1379, 4.1229

Deuteranopia

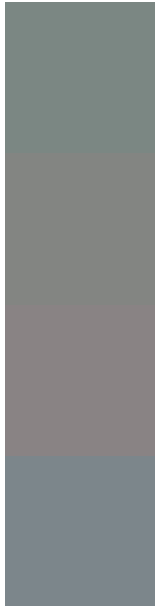
48.0874, 3.3054, 2.7738



Tritanopia

48.1130, -3.0264, -2.9210

Trichromacy



Original Color

48.1431, -6.6518, 3.1047

Protanomaly

48.1789, -3.6310, 3.6344

Deuteranomaly

48.1839, -0.6075, 2.8187

Tritanomaly

48.1657, -4.6213, -0.4689

Monochromacy



Original Color

48.1431, -6.6518, 3.1047

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

47.6764, -3.8737, 2.6069

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.1431, -6.6518, 3.1047 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(123, 135, 131)` looks like.

```
.text, #text, p{  
    color:rgb(123, 135, 131)  
}
```

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(123, 135, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 135, 131) }
```

Border

The CSS property to change the border of an element to HunterLab 48.1431, -6.6518, 3.1047 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(123, 135, 131) }
```


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

```
.border{ border-color:rgb(123, 135, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 135, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 135, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 135, 131);  
box-shadow:4px 4px 4px 4px rgb(123, 135,  
131) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.1431, -6.6518, 3.1047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 135, 131) }
```

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

```
.background{ background-color: rgb(123,  
135, 131) }
```

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