

Converting Colors

HunterLab(47.5620, -7.0277,
1.6360)

Have a look what the booklet for
HunterLab(47.5620, -7.0277, 1.6360)
contains.

HunterLab(47.6084, -6.9538, 1.5792)	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(47.6084, -6.9538,
1.5792)

Conversions

Conversions Part 1

Format	Color
Hex	778685
RGB	119, 134, 133
RGB Percent	47%, 53%, 52%
CMY	0.5333, 0.4745, 0.4784
CMYK	0.11, 0.00, 0.01, 0.47
HSL	176°, 6%, 50%
HSV	176°, 11%, 53%
XYZ	20.3665, 22.6656, 25.4918
YIQ	129.4010, -8.6190, -3.4910

Conversions

Conversions Part 2

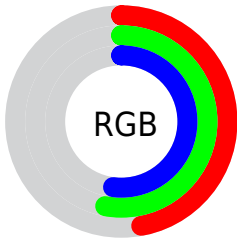
Format	Color
R_{YB}	119, 127, 134
Decimal	7833221
CIE _{Lab}	54.73, -5.65, -1.32
CIE _{LCh}	55, 5.807, 193.172
Yxy	22.6665, 0.2972, 0.3308
Android (android.graphics.Color)	4286023301 (0xFF778685)
YUV	129.4010, 1.7743, -9.1217
Hunter-Lab	47.6084, -6.9538, 1.5792

Details

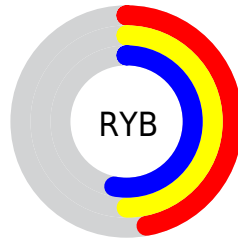
The HunterLab color $47.6084, -6.9538, 1.5792$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $44.2930, 2.3589, 3.5473$, and the grayscale version is $47.0079, -2.5082, 2.5540$.

A 20% lighter version of the original color is $69.0968, -8.7310, 2.5632$, and $28.7799, -5.1111, 0.3653$ is the 20% darker color. If you saturate the color by 10%, you get $46.6473, -10.4804, 0.7657$, and if you desaturate by 10%, it is $48.6902, -3.0886, 2.5305$.

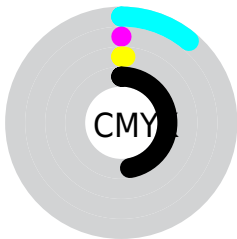
Distribution



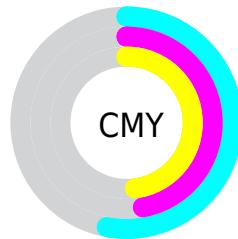
- Red (47%)
- Green (53%)
- Blue (52%)



- Red (47%)
- Yellow (50%)
- Blue (53%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (47%)



- Cyan (53%)
- Magenta (47%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.6084, -6.9538, 1.5792 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 47.6084, -6.9538, 1.5792 by changing the saturation by 10% instead.

■ 47.6084, -6.9538,
1.5792

■ 47.6084, -6.9538,
1.5792

163.0974,
-15.4317, 7.3621

■ 37.8781, -6.0986,
1.1228

■ 69.1702, -8.7119,
2.6221

■ 28.9184, -5.2535,
0.7138

■ 80.9158, -9.6161,
3.2012

■ 20.8037, -4.4132,
0.3587

■ 93.2598, -10.5386,
3.8156

■ 13.6332, -3.5661,
0.0659

106.1746,
-11.4796, 4.4637

■ 7.2342, -3.7925,
-0.3645

119.6360,
-12.4395, 5.1437

0.0000, NaN, NaN

133.6226,

0.0000, NaN, NaN

-13.4181, 5.8542

0.0000, NaN, NaN

148.1155,
-14.4156, 6.5941

0.0000, NaN, NaN

■ 47.6084, -6.9538,
1.5792

■ 47.6084, -6.9538,
1.5792

■ 46.6473, -10.4804,
0.7657

■ 48.6902, -3.0886,
2.5305

■ 45.8051, -13.6371,
0.0948

■ 49.8871, 1.0862,
3.6088

■ 45.0832, -16.4017,
-0.4278

■ 51.1970, 5.5366,
4.8050

■ 44.4801, -18.7579,
-0.8000

■ 52.6157, 10.2296,
6.1088

■ 43.9926, -20.6987,
-1.0229

■ 54.1390, 15.1331,
7.5099

■ 43.6158, -22.2276,
-1.1016

■ 55.7621, 20.2174,
8.9982

■ 43.3424, -23.3611,
-1.0447

■ 57.4801, 25.4550,
10.5641

■ 43.1625, -24.1298,
-0.8659

■ 59.2882, 30.8215,
12.1986

■ 43.0500, -24.6255,
-0.6494

■ 61.1816, 36.2955,
13.8937

Harmonies

Analogous

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



47.6094, -6.8813, 3.8453



47.6084, -6.9538, 1.5792



47.6094, -5.8629, -0.5119

Triad

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



47.6094, -6.9547, 1.5799



47.6094, 0.6568, -0.7235



47.6094, -1.1991, 6.6060

Complementary

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



47.6084, -6.9538, 1.5792



44.2930, 2.3589, 3.5473

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.



47.6094, 0.8707, 5.4991



47.6084, -6.9538, 1.5792



47.6094, 1.9567, 1.3027

Square

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



47.6094, -6.9547, 1.5799



47.6094, -1.4864, -1.8855



47.6094, 2.0357, 3.5814



47.6094, -3.5902, 6.6720

Rectangle

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



47.6084, -6.9538, 1.5792



47.6094, -4.6083, -1.4960



47.6094, 2.0357, 3.5814



47.6094, -0.4416, 6.3459

Sweetspot

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



47.6094, -6.9547, 1.5799



64.3479, -5.0922, 3.1096



47.3223, -8.7470, 7.1397



30.4909, -2.6008, 1.4301



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.



47.6094, -6.9547, 1.5799



62.9134, -10.2484, 1.8558



45.8445, -3.9206, -0.9900



22.9644, -2.9669, 0.8482



41.6749, -23.8341, -0.6391



2.4611, -1.3539, -0.1534

Inverse Universe

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



44.2930, 2.3589, 3.5473



57.7030, 4.3919, 4.9498



45.9692, -0.7373, 5.8024



21.6642, 0.6830, 1.6189



21.8376, 37.4848, 13.4353



1.2972, 2.2503, 0.6152

Previews

White Background



This preview shows how the HunterLab color 47.6084, -6.9538, 1.5792 looks on a white background.

Color Contrast Check

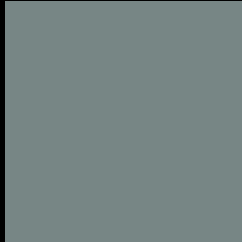
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.6084, -6.9538, 1.5792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

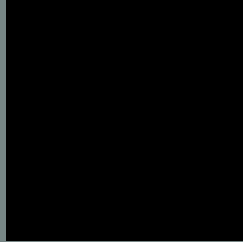
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

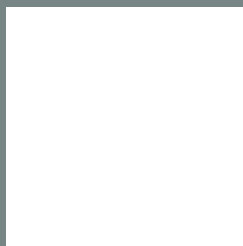
Any Text WCAG AAA × Fail

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

HunterLab 47.6084, -6.9538, 1.5792 Background



This preview shows how black text looks on a background with the HunterLab color 47.6084, -6.9538, 1.5792.



This preview shows how white text looks on a background with the HunterLab color 47.6084, -6.9538,

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

47.6084, -6.9538, 1.5792

Protanopia

47.5295, -1.4846, 2.4756

Deuteranopia

47.5928, 3.1548, 1.2841



Tritanopia

47.4875, -3.8120, -3.2504

Trichromacy



Original Color

47.6084, -6.9538, 1.5792

Protanomaly

47.4212, -3.2505, 1.8704

Deuteranomaly

47.7020, -0.7163, 1.3480

Tritanomaly

47.5733, -5.2341, -1.2191

Monochromacy



Original Color

47.6084, -6.9538, 1.5792

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

47.1214, -4.4165, 2.3858

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.6084, -6.9538, 1.5792 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, 134, 133)` looks like.

```
.text, #text, p{  
    color:rgb(119, 134, 133)  
}
```

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, 134, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 134, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 47.6084, -6.9538, 1.5792 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, 134, 133) }
```


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

```
.border{ border-color:rgb(119, 134, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 134, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 134, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 134, 133);  
box-shadow:4px 4px 4px 4px rgb(119, 134,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.6084, -6.9538, 1.5792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 134, 133) }
```

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

```
.background{ background-color: rgb(119,  
134, 133) }
```

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