

Converting Colors

HunterLab(47.4063, -8.9214,
-12.5394)

Have a look what the booklet for
HunterLab(47.4063, -8.9214,
-12.5394) contains.

HunterLab(47.4063, -8.9214, -12.5394)	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(47.4063, -8.9214,
-12.5394)**

Conversions

Conversions Part 1

Format	Color
Hex	5D88A0
RGB	93, 136, 160
RGB Percent	36%, 53%, 63%
CMY	0.6353, 0.4667, 0.3725
CMYK	0.42, 0.15, 0.00, 0.37
HSL	201°, 26%, 50%
HSV	201°, 42%, 63%
XYZ	19.6636, 22.4736, 36.5592
YIQ	125.8790, -33.3320, -1.6520

Conversions

Conversions Part 2

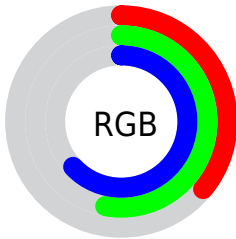
Format	Color
R_{YB}	93, 119, 160
Decimal	6129824
CIE _{Lab}	54.53, -8.27, -17.41
CIE _{LCh}	55, 19.277, 244.585
Yxy	22.4744, 0.2499, 0.2856
Android (android.graphics.Color)	4284319904 (0xFF5D88A0)
YUV	125.8790, 16.8217, -28.8349
Hunter-Lab	47.4063, -8.9214, -12.5394

Details

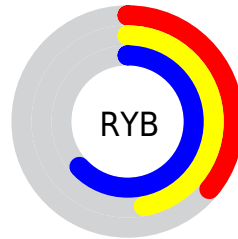
The HunterLab color $[47.4063, -8.9214, -12.5394]$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $[45.8116, 8.8032, 14.9793]$, and the grayscale version is $[45.5760, -2.4318, 2.4762]$.

A 20% lighter version of the original color is $[68.8567, -10.7982, -13.1176]$, and $[28.6526, -6.8510, -11.8219]$ is the 20% darker color. If you saturate the color by 10%, you get $[44.8927, -9.2785, -16.4240]$, and if you desaturate by 10%, it is $[50.0563, -8.1280, -8.6910]$.

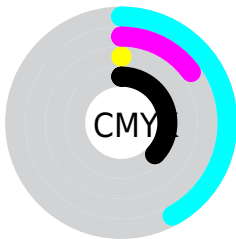
Distribution



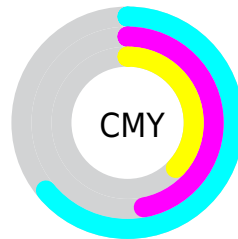
- Red (36%)
- Green (53%)
- Blue (63%)



- Red (36%)
- Yellow (47%)
- Blue (63%)



- Cyan (42%)
- Magenta (15%)
- Yellow (0%)
- Black (37%)



- Cyan (64%)
- Magenta (47%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.4063, -8.9214, -12.5394 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 47.4063, -8.9214, -12.5394 by changing the saturation by 10% instead.

■ 47.4063, -8.9214,
-12.5394

■ 47.4063, -8.9214,
-12.5394

162.7925,
-18.4840, -12.2469

■ 37.6907, -7.9056,
-12.2725

■ 68.9412, -10.9654,
-12.8653

■ 28.7472, -6.8852,
-11.9350

■ 80.6744, -12.0001,
-12.9340

■ 20.6503, -5.8488,
-11.5313

■ 93.0068, -13.0463,
-12.9448

■ 13.5000, -4.7754,
-11.0913

■ 105.9104,
-14.1053, -12.9015

■ 7.0792, -5.4706,
-11.8262

119.3610,
-15.1780, -12.8073

0.0000, NaN, -NF

0.0000, NaN, NaN

133.3373,

-16.2651, -12.6652

0.0000, NaN, NaN

147.8202,
-17.3670, -12.4776

0.0000, NaN, NaN

■ 47.4063, -8.9214,
-12.5394

■ 47.4063, -8.9214,
-12.5394

■ 44.8927, -9.2785,
-16.4240

■ 50.0563, -8.1280,
-8.6910

■ 42.5222, -9.1570,
-20.3313

■ 52.8305, -6.9400,
-4.8922

■ 40.3042, -8.5214,
-24.2388

■ 55.7206, -5.3990,
-1.1484

■ 38.2452, -7.3478,
-28.1209

■ 58.7178, -3.5434,
2.5373

■ 36.3476, -5.6341,
-31.9520

■ 61.8142, -1.4078,
6.1649

■ 34.8953, -3.9565,
-35.0752

■ 65.0024, 0.9766,
9.7359

■ 68.2758, 3.5826,
13.2529

■ 71.6283, 6.3863,
16.7196

■ 75.0546, 9.3669,
20.1397

Harmonies

Analogous

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



47.4072, -14.4829, -6.4473



47.4063, -8.9214, -12.5394



47.4072, -1.3028, -14.3418

Triad

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



47.4072, -8.9217, -12.5385



47.4072, 13.7043, 3.7293



47.4072, -10.9084, 13.0678

Complementary

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



47.4063, -8.9214, -12.5394



45.8116, 8.8032, 14.9793

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.



47.4072, -3.7490, 14.9173



47.4063, -8.9214, -12.5394



47.4072, 10.7341, 10.1213

Square

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



47.4072, -8.9217, -12.5385



47.4072, 12.0948, -4.1009



47.4072, 4.2150, 13.9346



47.4072, -15.5758, 8.4119

Rectangle

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



47.4063, -8.9214, -12.5394



47.4072, 4.0032, -12.6551



47.4072, 4.2150, 13.9346



47.4072, -8.7314, 14.0000

Sweetspot

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



47.4072, -8.9217, -12.5385



74.5369, -7.5874, -2.2377



53.6104, -26.3469, 14.1469



34.5208, -3.7682, -1.5405



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



47.4072, -8.9217, -12.5385



60.7920, -12.4847, -21.6534



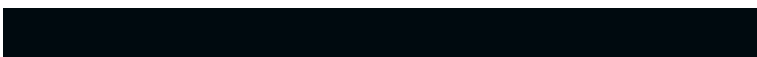
38.1791, 6.6608, -28.0058



26.6634, -2.3308, -0.0808



30.9367, -3.7129, -30.6530



4.9851, -1.7432, -2.4680

Inverse Universe

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



41.3286, 26.3914, -7.4883



51.5236, 44.0513, -12.1909



54.8281, -6.8364, 22.4657



25.9118, 1.5200, 0.2569



25.6679, 46.9435, -6.5647



3.5442, 6.6767, -2.4163

Previews

White Background



This preview shows how the HunterLab color 47.4063, -8.9214, -12.5394 looks on a white background.

Color Contrast Check

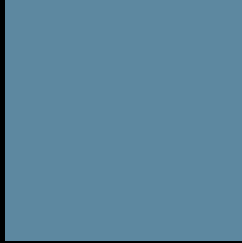
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.4063, -8.9214, -12.5394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

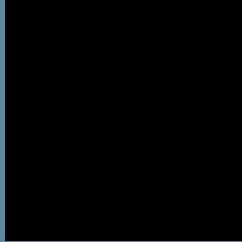
Any Text WCAG AA ✓ Pass

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 47.4063, -8.9214, -12.5394 Background



This preview shows how black text looks on a background with the HunterLab color 47.4063, -8.9214, -12.5394.



This preview shows how white text looks on a background with the HunterLab color 47.4063, -8.9214, -12.5394.

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

47.4063, -8.9214, -12.5394

Protanopia

47.2781, 0.6228, -9.7457

Deuteranopia

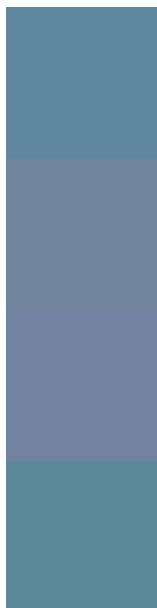
47.1413, 3.5134, -13.8818



Tritanopia

47.4558, -12.5977, -6.5029

Trichromacy



Original Color

47.4063, -8.9214, -12.5394

Protanomaly

47.3789, -3.2412, -10.7797

Deuteranomaly

47.0275, -1.2418, -13.5539

Tritanomaly

47.3449, -11.1826, -8.7626

Monochromacy



Original Color

47.4063, -8.9214, -12.5394

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

46.2360, -5.5939, -2.4410

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.4063, -8.9214, -12.5394 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(93, 136, 160)` looks like.

```
.text, #text, p{  
    color:rgb(93, 136, 160)  
}
```

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(93, 136, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 136, 160) }
```

Border

The CSS property to change the border of an element to HunterLab 47.4063, -8.9214, -12.5394 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(93, 136, 160) }
```


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

```
.border{ border-color:rgb(93, 136, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 136, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 136, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 136, 160);  
box-shadow:4px 4px 4px 4px rgb(93, 136,  
160) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.4063, -8.9214, -12.5394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 136, 160) }
```

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

```
.background{ background-color: rgb(93, 136,  
160) }
```

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