

Converting Colors

HunterLab(50.5800, -5.2940,
-6.8437)

Have a look what the booklet for
HunterLab(50.5800, -5.2940,
-6.8437) contains.

HunterLab(50.5800, -5.2940, -6.8437)	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(50.5800, -5.2940,
-6.8437)**

Conversions

Conversions Part 1

Format	Color
Hex	798D9E
RGB	121, 141, 158
RGB Percent	47%, 55%, 62%
CMY	0.5255, 0.4470, 0.3804
CMYK	0.23, 0.11, 0.00, 0.38
HSL	208°, 16%, 55%
HSV	208°, 23%, 62%
XYZ	23.5816, 25.5834, 36.0430
YIQ	136.9580, -17.3770, 1.0470

Conversions

Conversions Part 2

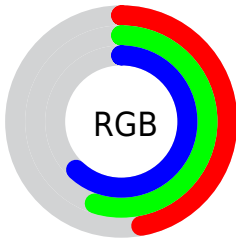
Format	Color
R_{YB}	121, 134, 158
Decimal	7966110
CIE _{Lab}	57.64, -3.23, -11.39
CIE _{LCh}	58, 11.835, 254.162
Yxy	25.5844, 0.2768, 0.3002
Android (android.graphics.Color)	4286156190 (0xFF798D9E)
YUV	136.9580, 10.3737, -13.9952
Hunter-Lab	50.5800, -5.2940, -6.8437

Details

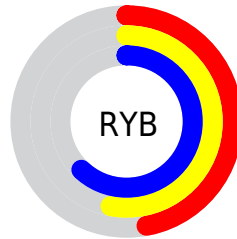
The HunterLab color $50.5800, -5.2940, -6.8437$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $51.7944, 1.1714, 11.2283$, and the grayscale version is $49.9652, -2.6660, 2.7147$.

A 20% lighter version of the original color is $72.6863, -6.9157, -6.6809$, and $31.4983, -3.7372, -6.8393$ is the 20% darker color. If you saturate the color by 10%, you get $47.3959, -5.6959, -11.3606$, and if you desaturate by 10%, it is $53.8817, -4.5595, -2.4733$.

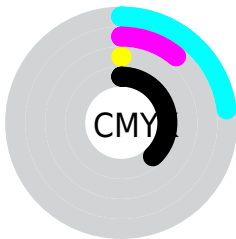
Distribution



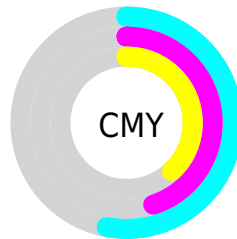
- Red (47%)
- Green (55%)
- Blue (62%)



- Red (47%)
- Yellow (53%)
- Blue (62%)



- Cyan (23%)
- Magenta (11%)
- Yellow (0%)
- Black (38%)



- Cyan (53%)
- Magenta (45%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.5800, -5.2940, -6.8437 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 50.5800, -5.2940, -6.8437 by changing the saturation by 10% instead.

■ 50.5800, -5.2940,
-6.8437

■ 50.5800, -5.2940,
-6.8437

167.5518,
-12.8364, -4.5106

■ 40.6362, -4.5772,
-6.8313

■ 72.5284, -6.8044,
-6.6732

■ 31.4450, -3.8843,
-6.7468

■ 84.4514, -7.5961,
-6.5029

■ 23.0753, -3.2147,
-6.5815

■ 96.9644, -8.4119,
-6.2812

■ 15.6173, -2.5656,
-6.3292

110.0408, -9.2514,
-6.0118

■ 9.1970, -2.0216,
-6.0030

123.6573,
-10.1140, -5.6976

0.0000, NaN, -NF

0.0000, NaN, NaN

137.7933,

-10.9994, -5.3412

0.0000, NaN, NaN

152.4303,
-11.9070, -4.9449

0.0000, NaN, NaN

■ 50.5800, -5.2940,
-6.8437

■ 50.5800, -5.2940,
-6.8437

■ 47.3959, -5.6959,
-11.3606

■ 53.8817, -4.5595,
-2.4733

■ 44.3380, -5.7165,
-16.0361

■ 57.2876, -3.5317,
1.7596

■ 41.4203, -5.3053,
-20.8739

■ 60.7897, -2.2473,
5.8688

■ 38.6568, -4.4090,
-25.8712

■ 64.3800, -0.7372,
9.8670

■ 36.0623, -2.9767,
-31.0143

■ 68.0515, 0.9719,
13.7666

■ 33.6508, -0.9681,
-36.2764

■ 71.7983, 2.8573,
17.5791

■ 31.4332, 1.6325,
-41.6183

■ 75.6148, 4.8997,
21.3148

■ 30.0515, 3.5576,
-45.2416

■ 79.4964, 7.0826,
24.9833

■ 82.4812, 6.2015,
27.6802

Harmonies

Analogous

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



50.5810, -9.4051, -4.0306



50.5800, -5.2940, -6.8437



50.5810, -0.3315, -6.9249

Triad

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



50.5810, -5.2947, -6.8428



50.5810, 6.9463, 4.9369



50.5810, -9.2170, 8.8756

Complementary

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



50.5800, -5.2940, -6.8437



51.7944, 1.1714, 11.2283

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.



50.5810, -5.0288, 10.8310



50.5800, -5.2940, -6.8437



50.5810, 4.3704, 8.7108

Square

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



50.5810, -5.2947, -6.8428



50.5810, 6.8684, 0.1973



50.5810, -0.0551, 10.7738



50.5810, -11.6090, 5.1825

Rectangle

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



50.5800, -5.2940, -6.8437



50.5810, 2.8023, -5.4003



50.5810, -0.0551, 10.7738



50.5810, -7.9798, 9.7412

Sweetspot

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



50.5810, -5.2947, -6.8428



75.4766, -5.3173, 0.2698



55.0854, -16.4431, 7.9176



35.7187, -2.5615, -0.0185



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.



50.5810, -5.2947, -6.8428



65.9397, -7.4725, -12.3186



45.4565, 3.3924, -14.1231



26.4564, -1.9926, -0.3313



27.0412, 2.9141, -40.0899



4.6357, -1.2527, -3.0900

Inverse Universe

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



47.8201, 12.4192, -1.5611



61.5632, 21.4218, -3.2655



56.9890, -7.4380, 16.1660



25.8903, 1.4050, 0.5617



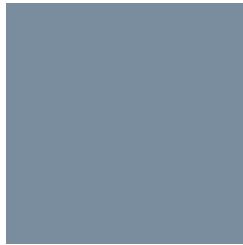
25.2198, 45.3252, -0.2577



3.4960, 6.5055, -1.7599

Previews

White Background



This preview shows how the HunterLab color 50.5800, -5.2940, -6.8437 looks on a white background.

Color Contrast Check

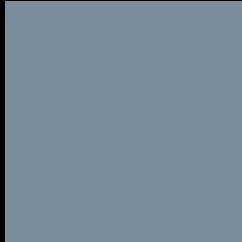
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.5800, -5.2940, -6.8437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

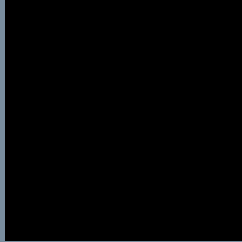
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

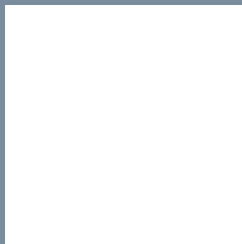
Any Text WCAG AAA × Fail

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

HunterLab 50.5800, -5.2940, -6.8437 Background



This preview shows how black text looks on a background with the HunterLab color 50.5800, -5.2940, -6.8437.



This preview shows how white text looks on a background with the HunterLab color 50.5800, -5.2940, -6.8437.

-6.8437.

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

50.5800, -5.2940, -6.8437

Protanopia

50.4406, -0.0197, -5.8897

Deuteranopia

50.5786, 3.5185, -7.2225



Tritanopia

50.6349, -6.9368, -4.2087

Trichromacy



Original Color

50.5800, -5.2940, -6.8437

Protanomaly

50.3558, -1.7004, -6.5584

Deuteranomaly

50.4607, 0.2533, -7.4421

Tritanomaly

50.7007, -6.5712, -5.1373

Monochromacy



Original Color

50.5800, -5.2940, -6.8437

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

50.0466, -3.5527, -0.9595

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.5800, -5.2940, -6.8437 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(121, 141, 158)` looks like.

```
.text, #text, p{  
    color:rgb(121, 141, 158)  
}
```

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(121, 141, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 141, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 50.5800, -5.2940, -6.8437 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(121, 141, 158) }
```


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

```
.border{ border-color:rgb(121, 141, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 141, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 141, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 141, 158);  
box-shadow:4px 4px 4px 4px rgb(121, 141,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.5800, -5.2940, -6.8437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 141, 158) }
```

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

```
.background{ background-color: rgb(121,  
141, 158) }
```

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