

Converting Colors

HunterLab(58.6502, -14.8179,
5.9247)

Have a look what the booklet for
HunterLab(58.6502, -14.8179,
5.9247) contains.

HunterLab(58.7588, -14.8016, 5.9735)	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(58.7588,
-14.8016, 5.9735)**

Conversions

Conversions Part 1

Format	Color
Hex	85A698
RGB	133, 166, 152
RGB Percent	52%, 65%, 60%
CMY	0.4784, 0.3490, 0.4039
CMYK	0.20, 0.00, 0.08, 0.35
HSL	155°, 16%, 59%
HSV	155°, 20%, 65%
XYZ	28.9766, 34.5260, 34.8427
YIQ	154.5370, -15.1740, -11.3500

Conversions

Conversions Part 2

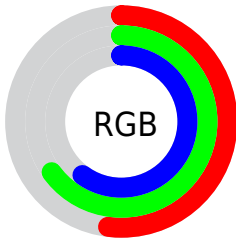
Format	Color
RYB	133, 154, 166
Decimal	8758936
CIELab	65.38, -14.25, 3.51
CIElCh	65, 14.677, 166.166
Yxy	34.5274, 0.2946, 0.3511
Android (android.graphics.Color)	4286949016 (0xFF85A698)
YUV	154.5370, -1.2507, -18.8879
Hunter-Lab	58.7588, -14.8016, 5.9735

Details

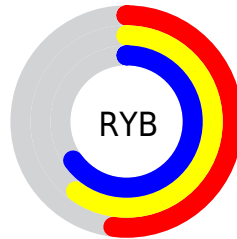
The HunterLab color $58.7588, -14.8016, 5.9735$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $51.9515, 10.0355, 0.6831$, and the grayscale version is $57.0742, -3.0453, 3.1009$.

A 20% lighter version of the original color is $81.6908, -17.3382, 7.6536$, and $38.4879, -12.0082, 4.5396$ is the 20% darker color. If you saturate the color by 10%, you get $57.4955, -19.8966, 7.4735$, and if you desaturate by 10%, it is $60.1870, -9.2271, 4.5935$.

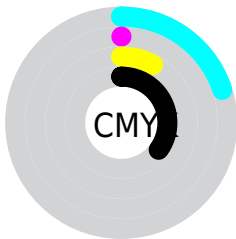
Distribution



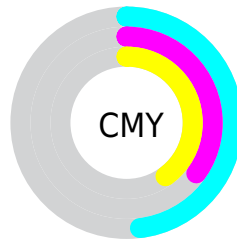
- Red (52%)
- Green (65%)
- Blue (60%)



- Red (52%)
- Yellow (60%)
- Blue (65%)



- Cyan (20%)
- Magenta (0%)
- Yellow (8%)
- Black (35%)



- Cyan (48%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.7588, -14.8016, 5.9735 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 58.7588, -14.8016, 5.9735 by changing the saturation by 10% instead.

■ 58.7588, -14.8016,
5.9735

■ 58.7588, -14.8016,
5.9735

179.5766,
-26.8870, 13.8567

■ 48.2691, -13.4393,
5.2179

■ 81.7025, -17.4887,
7.5610

■ 38.4896, -12.0505,
4.4861

■ 94.0845, -18.8229,
8.3908

■ 29.4776, -10.6215,
3.7779

■ 107.0357,
-20.1564, 9.2446

■ 21.3051, -9.1287,
3.0912

120.5320,
-21.4917, 10.1218

■ 14.0693, -7.5297,
2.4212

134.5521,
-22.8310, 11.0221

■ 7.7168, -8.4597,
2.3052

149.0774,

0.0000, NaN, NaN

-24.1759, 11.9449

0.0000, NaN, NaN

164.0906,
-25.5275, 12.8899

0.0000, NaN, NaN

■ 58.7588, -14.8016,
5.9735

■ 58.7588, -14.8016,
5.9735

■ 57.4955, -19.8966,
7.4735

■ 60.1870, -9.2271,
4.5935

■ 56.3952, -24.4634,
9.0773

■ 61.7729, -3.2207,
3.3410

■ 55.4590, -28.4656,
10.7681

■ 63.5130, 3.1641,
2.2232

■ 54.6844, -31.8779,
12.5252

■ 65.4014, 9.8757,
1.2433

■ 54.0658, -34.6908,
14.3247

■ 67.4317, 16.8647,
0.4015

■ 53.5946, -36.9136,
16.1406

■ 69.5970, 24.0859,
-0.3043

■ 53.2581, -38.5790,
17.9450

■ 71.8904, 31.4987,
-0.8781

■ 53.0218, -39.8165,
19.6932

■ 72.8731, 34.8834,
-3.2195

■ 53.0192, -39.8305,
19.7133

■ 73.1164, 36.0851,
-6.6608

Harmonies

Analogous

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



58.7600, -11.8958, 10.8602



58.7588, -14.8016, 5.9735



58.7600, -14.6813, -0.2135

Triad

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



58.7600, -14.8026, 5.9743



58.7600, 0.3866, -9.4225



58.7600, 5.7821, 11.1540

Complementary

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



58.7588, -14.8016, 5.9735



51.9515, 10.0355, 0.6831

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.



58.7600, 9.3705, 6.4173



58.7588, -14.8016, 5.9735



58.7600, 6.1639, -5.6579

Square

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



58.7600, -14.8026, 5.9743



58.7600, -6.1009, -9.5745



58.7600, 9.5132, 0.2802



58.7600, -0.1161, 13.6232

Rectangle

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



58.7588, -14.8016, 5.9735



58.7600, -12.9039, -4.2693



58.7600, 9.5132, 0.2802



58.7600, 7.3095, 9.7989

Sweetspot

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



58.7600, -14.8026, 5.9743



81.8615, -9.4452, 5.5313



59.3281, -13.6912, 14.1414



38.6634, -4.7027, 2.6668



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



58.7600, -14.8026, 5.9743



78.3536, -23.1589, 8.9516



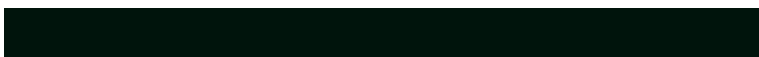
58.4983, -11.4515, -0.7204



29.1160, -4.2930, 2.1817



46.6976, -35.0111, 17.2109



7.3516, -5.0452, 1.7022

Inverse Universe

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



51.9515, 10.0355, 0.6831



67.1608, 17.7396, 0.2891



52.1394, 6.8484, 7.0137



27.5557, 1.3861, 0.9623



25.7734, 45.5194, 5.9437



4.1463, 7.5582, -0.8668

Previews

White Background



This preview shows how the HunterLab color 58.7588, -14.8016, 5.9735 looks on a white background.

Color Contrast Check

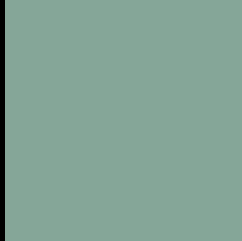
Large Text (above 18pt) WCAG AA × Fail

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 58.7588, -14.8016, 5.9735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

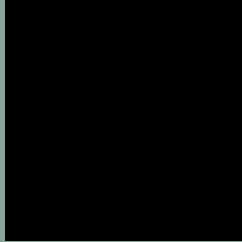
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 58.7588, -14.8016, 5.9735 Background



This preview shows how black text looks on a background with the HunterLab color 58.7588, -14.8016, 5.9735.



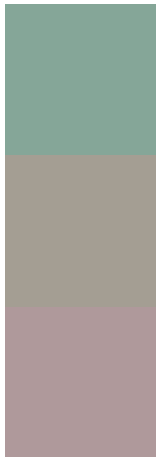
This preview shows how white text looks on a background with the HunterLab color 58.7588,

-14.8016, 5.9735.

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

58.7588, -14.8016, 5.9735

Protanopia

58.6965, -2.9623, 8.2338

Deuteranopia

58.5346, 4.2560, 4.7327



Tritanopia

58.8620, -8.2417, -5.2468

Trichromacy



Original Color

58.7588, -14.8016, 5.9735

Protanomaly

58.6788, -7.4537, 7.2971

Deuteranomaly

58.5324, -3.1466, 5.0447

Tritanomaly

58.8007, -10.6048, -0.8164

Monochromacy



Original Color

58.7588, -14.8016, 5.9735

Achromatopsia

57.2519, -3.0548, 3.1106

Achromatomaly

57.7342, -7.4676, 4.0492

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.7588, -14.8016, 5.9735 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(133, 166, 152)` looks like.

```
.text, #text, p{  
    color:rgb(133, 166, 152)  
}
```

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(133, 166, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 166, 152) }
```

Border

The CSS property to change the border of an element to HunterLab 58.7588, -14.8016, 5.9735 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(133, 166, 152) }
```


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

```
.border{ border-color:rgb(133, 166, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 166, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 166, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 166, 152);  
box-shadow:4px 4px 4px 4px rgb(133, 166,  
152) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.7588, -14.8016, 5.9735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 166, 152) }
```

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

```
.background{ background-color: rgb(133,  
166, 152) }
```

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