

Converting Colors

HunterLab(58.5694, -11.4296,
-29.1854)

Have a look what the booklet for
HunterLab(58.5694, -11.4296,
-29.1854) contains.

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Color

**HunterLab(58.4850,
-11.2983, -29.3345)**

Conversions

Conversions Part 1

Format	Color
Hex	57A6D7
RGB	87, 166, 215
RGB Percent	34%, 65%, 84%
CMY	0.6588, 0.3490, 0.1569
CMYK	0.60, 0.23, 0.00, 0.16
HSL	203°, 62%, 59%
HSV	203°, 60%, 84%
XYZ	29.8324, 34.2050, 69.3199
YIQ	147.9650, -62.8130, -1.5090

Conversions

Conversions Part 2

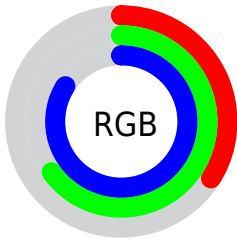
Format	Color
R_{YB}	87, 136, 215
Decimal	5744343
CIE _{Lab}	65.13, -9.88, -32.18
CIE _{LCh}	65, 33.664, 252.935
Yxy	34.2062, 0.2237, 0.2565
Android (android.graphics.Color)	4283934423 (0xFF57A6D7)
YUV	147.9650, 33.0483, -53.4663
Hunter-Lab	58.4850, -11.2983, -29.3345

Details

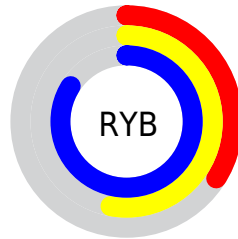
The HunterLab color **58.4850, -11.2983, -29.3345** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **57.2234, 20.1103, 26.2690**, and the grayscale version is **54.2950, -2.8970, 2.9500**.

A 20% lighter version of the original color is **80.6498, -17.7239, -20.1655**, and **38.1826, -8.9678, -28.2716** is the 20% darker color. If you saturate the color by 10%, you get **55.1574, -10.2245, -35.2987**, and if you desaturate by 10%, it is **62.0391, -11.6262, -23.4171**.

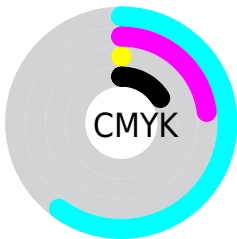
Distribution



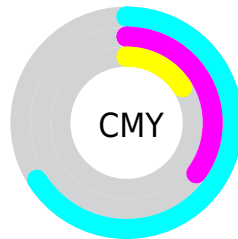
- Red (34%)
- Green (65%)
- Blue (84%)



- Red (34%)
- Yellow (53%)
- Blue (84%)



- Cyan (60%)
- Magenta (23%)
- Yellow (0%)
- Black (16%)



- Cyan (66%)
- Magenta (35%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.4850, -11.2983, -29.3345 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 58.4850, -11.2983, -29.3345 by changing the saturation by 10% instead.

■ 58.4850, -11.2983,
-29.3345

■ 58.4850, -11.2983,
-29.3345

179.1788,
-21.6214, -32.3756

■ 48.0125, -10.1878,
-28.7524

■ 81.3967, -13.5256,
-30.3669

■ 38.2517, -9.0727,
-28.1503

■ 93.7640, -14.6490,
-30.8075

■ 29.2600, -7.9441,
-27.5682

■ 106.7010,
-15.7817, -31.1953

■ 21.1099, -6.7877,
-27.1018

■ 120.1837,
-16.9251, -31.5307

■ 13.8994, -5.5773,
-27.0012

134.1909,
-18.0800, -31.8149

■ 7.5331, -6.1167,
-29.3175

148.7036,

0.0000, NaN, -NF

-19.2474, -32.0494

0.0000, NaN, -NF

163.7047,
-20.4277, -32.2357

0.0000, NaN, NaN

■ 58.4850, -11.2983,
-29.3345

■ 58.4850, -11.2983,
-29.3345

■ 55.1574, -10.2245,
-35.2987

■ 62.0391, -11.6262,
-23.4171

■ 52.0658, -8.3612,
-41.2747

■ 65.8018, -11.2684,
-17.5789

■ 49.2181, -5.6956,
-47.2188

■ 69.7586, -10.2907,
-11.8379

■ 46.5938, -2.3260,
-53.1390

■ 73.8943, -8.7587,
-6.2045

■ 46.4736, -2.1616,
-53.4216

■ 78.1945, -6.7345,
-0.6823

■ 82.6463, -4.2745,
4.7296

■ 87.2375, -1.4289,
10.0359

■ 91.5389, 0.3293,
14.7703

■ 94.0917, -3.9983,
17.3974

Harmonies

Analogous

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



58.4861, -22.6608, -18.5966



58.4850, -11.2983, -29.3345



58.4861, 3.4303, -30.1055

Triad

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



58.4861, -11.2982, -29.3333



58.4861, 27.5092, 8.9630



58.4861, -21.3924, 19.8320

Complementary

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



58.4850, -11.2983, -29.3345



57.2234, 20.1103, 26.2690

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.



58.4861, -9.4015, 24.0080



58.4850, -11.2983, -29.3345



58.4861, 19.3707, 18.8751

Square

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



58.4861, -11.2982, -29.3333



58.4861, 26.8707, -5.3947



58.4861, 5.5258, 23.7083



58.4861, -28.0758, 10.6318

Rectangle

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



58.4850, -11.2983, -29.3345



58.4861, 13.2868, -24.6293



58.4861, 5.5258, 23.7083



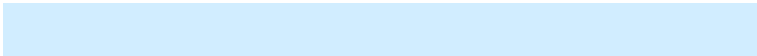
58.4861, -17.9033, 21.7531

Sweetspot

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



58.4861, -11.2982, -29.3333



90.3365, -10.3251, -6.6092



72.3515, -46.3585, 25.3072



41.0982, -5.0708, -3.9777

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.4861, -11.2982, -29.3333



66.0769, -11.9980, -44.3842



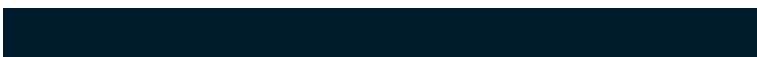
41.0464, 20.1643, -67.2198



36.4310, -3.1238, -0.2889



36.2336, -2.1569, -40.6328



9.7451, -1.8723, -8.1388

Inverse Universe

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



49.0081, 53.7944, -12.5063



54.4820, 76.7136, -15.4520



74.4942, -10.7381, 38.5374



35.4237, 2.2164, 0.3893



31.0969, 56.5637, -5.5587



7.7407, 14.2639, -2.8092

Previews

White Background



This preview shows how the HunterLab color 58.4850, -11.2983, -29.3345 looks on a white background.

Color Contrast Check

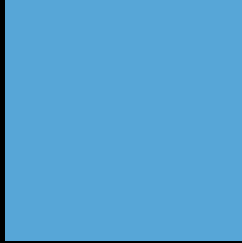
Large Text (above 18pt) WCAG AA × Fail

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 58.4850, -11.2983, -29.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

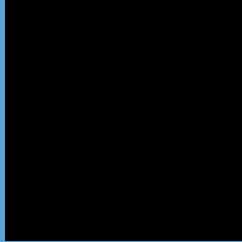
Any Text WCAG AA ✓ Pass

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 58.4850, -11.2983, -29.3345 Background



This preview shows how black text looks on a background with the HunterLab color 58.4850, -11.2983, -29.3345.



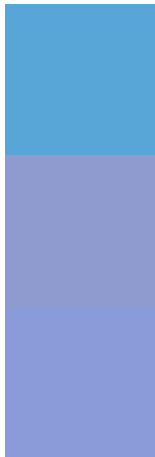
This preview shows how white text looks on a background with the HunterLab color 58.4850,

-11.2983, -29.3345.

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

58.4850, -11.2983, -29.3345

Protanopia

58.1269, 3.6442, -24.3314

Deuteranopia

58.1857, 4.7093, -30.9554



Tritanopia

58.3819, -22.2345, -11.0275

Trichromacy



Original Color

58.4850, -11.2983, -29.3345

Protanomaly

58.0176, -2.4644, -26.6030

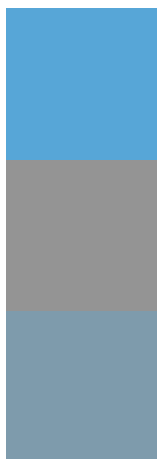
Deuteranomaly

58.0311, -1.8923, -30.6497

Tritanomaly

58.3299, -18.3010, -17.4620

Monochromacy



Original Color

58.4850, -11.2983, -29.3345

Achromatopsia

54.4186, -2.9036, 2.9567

Achromatomaly

55.5490, -7.9689, -7.5688

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.4850, -11.2983, -29.3345 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(87, 166, 215)` looks like.

```
.text, #text, p{  
    color:rgb(87, 166, 215)  
}
```

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(87, 166, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 166, 215) }
```

Border

The CSS property to change the border of an element to HunterLab 58.4850, -11.2983, -29.3345 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(87, 166, 215) }
```


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

```
.border{ border-color:rgb(87, 166, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 166, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 166, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 166, 215);  
box-shadow:4px 4px 4px 4px rgb(87, 166,  
215) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.4850, -11.2983, -29.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 166, 215) }
```

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

```
.background{ background-color: rgb(87, 166,  
215) }
```

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](#).

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