

Converting Colors

HunterLab(58.2361, -13.7883,
-37.6108)

Have a look what the booklet for
HunterLab(58.2361, -13.7883,
-37.6108) contains.

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Color

**HunterLab(58.3559,
-13.9914, -37.3895)**

Conversions

Conversions Part 1

Format	Color
Hex	2DA8E2
RGB	45, 168, 226
RGB Percent	18%, 66%, 89%
CMY	0.8235, 0.3412, 0.1137
CMYK	0.80, 0.26, 0.00, 0.11
HSL	199°, 76%, 53%
HSV	199°, 80%, 89%
XYZ	28.8123, 34.0541, 77.0060
YIQ	137.8350, -91.9260, -8.0380

Conversions

Conversions Part 2

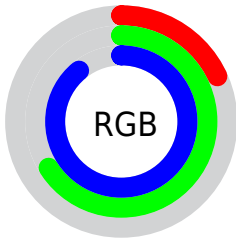
Format	Color
R_{YB}	45, 118, 226
Decimal	2992354
CIE _{Lab}	65.01, -13.28, -38.53
CIE _{LCh}	65, 40.750, 250.978
Yxy	34.0553, 0.2060, 0.2435
Android (android.graphics.Color)	4281182434 (0xFF2DA8E2)
YUV	137.8350, 43.4653, -81.4163
Hunter-Lab	58.3559, -13.9914, -37.3895

Details

The HunterLab color **58.3559, -13.9914, -37.3895** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **51.0509, 38.9478, 29.2540**, and the grayscale version is **50.2091, -2.6790, 2.7280**.

A 20% lighter version of the original color is **79.9483, -23.7080, -21.3128**, and **39.2340, -7.2346, -33.4217** is the 20% darker color. If you saturate the color by 10%, you get **55.7424, -11.8235, -42.3902**, and if you desaturate by 10%, it is **61.2057, -15.3533, -32.2542**.

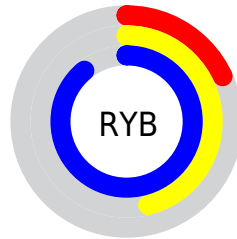
Distribution



Red (18%)

Green (66%)

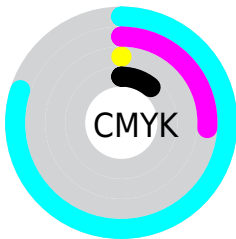
Blue (89%)



Red (18%)

Yellow (46%)

Blue (89%)

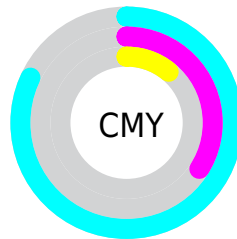


Cyan (80%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (82%)

Magenta (34%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.3559, -13.9914, -37.3895 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 58.3559, -13.9914, -37.3895 by changing the saturation by 10% instead.

■ 58.3559, -13.9914,
-37.3895

■ 58.3559, -13.9914,
-37.3895

178.9912,
-25.6818, -41.7286

■ 47.8916, -12.6835,
-36.7288

■ 81.2525, -16.5750,
-38.6574

■ 38.1396, -11.3551,
-36.0969

■ 93.6128, -17.8622,
-39.2371

■ 29.1575, -9.9920,
-35.5699

■ 106.5432,
-19.1508, -39.7717

■ 21.0180, -8.5723,
-35.3180

■ 120.0195,
-20.4432, -40.2588

■ 13.8194, -7.0565,
-35.7732

■ 134.0205,
-21.7412, -40.6977

■ 7.4447, -8.1716,
-40.0486

148.5272,

0.0000, NaN, -NF

-23.0463, -41.0884

0.0000, NaN, -NF

163.5226,
-24.3596, -41.4317

0.0000, NaN, NaN

■ 58.3559, -13.9914,
-37.3895

■ 58.3559, -13.9914,
-37.3895

■ 55.7424, -11.8235,
-42.3902

■ 61.2057, -15.3533,
-32.2542

■ 53.3503, -9.0039,
-47.2464

■ 64.2894, -15.9035,
-27.0205

■ 67.6013, -15.6696,
-21.7246

■ 71.1311, -14.7002,
-16.4011

■ 74.8663, -13.0544,
-11.0785

■ 78.7937, -10.7952,
-5.7787

■ 82.9001, -7.9848,
-0.5171

■ 87.1730, -4.6820,
4.6960

■ 91.6003, -0.9407,
9.8548

Harmonies

Analogous

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



58.3569, -27.0493, -22.8493



58.3559, -13.9914, -37.3895



58.3569, 3.6322, -39.3534

Triad

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



58.3569, -13.9909, -37.3883



58.3569, 34.9614, 9.1137



58.3569, -24.1537, 22.9907

Complementary

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



58.3559, -13.9914, -37.3895



51.0509, 38.9478, 29.2540

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.



58.3569, -9.5726, 27.1617



58.3559, -13.9914, -37.3895



58.3569, 25.4273, 20.9274

Square

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



58.3569, -13.9909, -37.3883



58.3569, 33.4039, -8.6257



58.3569, 8.6167, 26.5430



58.3569, -32.4059, 12.9346

Rectangle

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



58.3559, -13.9914, -37.3895



58.3569, 15.8187, -32.7577



58.3569, 8.6167, 26.5430



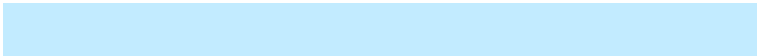
58.3569, -19.9089, 24.9661

Sweetspot

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



58.3569, -13.9909, -37.3883



88.4883, -13.5157, -9.1008



74.7779, -57.5924, 35.0350



40.1944, -6.6736, -5.2195

0.0000, NaN, NaN



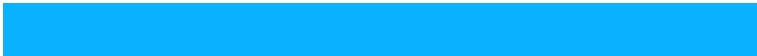
46.2646, -2.4686, 2.5136

Same Dimension

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



58.3569, -13.9909, -37.3883



62.0909, -11.4582, -52.2804



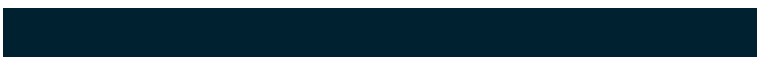
33.9501, 32.8546, -104.1614



38.4616, -3.6012, -0.0839



40.5722, -7.2264, -35.1120



11.4044, -2.9822, -7.8169

Inverse Universe

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



45.6882, 73.8663, -18.6299



49.6365, 90.2165, -17.2392



73.7693, -6.0092, 43.3544



37.2250, 2.4604, 0.1145



32.5112, 59.8149, -11.0729



8.6531, 16.0826, -4.2069

Previews

White Background



This preview shows how the HunterLab color 58.3559, -13.9914, -37.3895 looks on a white background.

Color Contrast Check

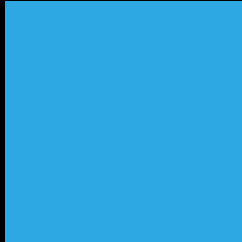
Large Text (above 18pt) WCAG AA × Fail

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 58.3559, -13.9914, -37.3895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

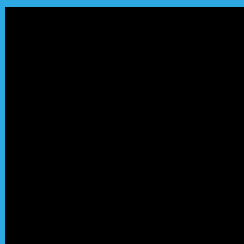
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

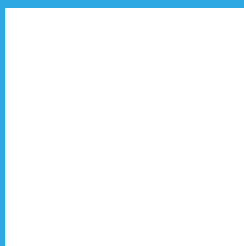
Any Text WCAG AAA ✓ Pass

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

HunterLab 58.3559, -13.9914, -37.3895 Background



This preview shows how black text looks on a background with the HunterLab color 58.3559, -13.9914, -37.3895.



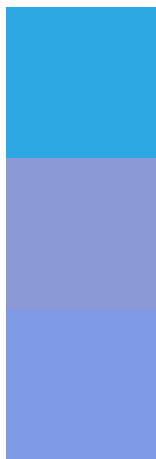
This preview shows how white text looks on a background with the HunterLab color 58.3559,

-13.9914, -37.3895.

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

58.3559, -13.9914, -37.3895

Protanopia

57.8848, 4.9935, -30.0950

Deuteranopia

57.9757, 5.1226, -39.9951

Trichromacy



Original Color

58.3559, -13.9914, -37.3895

Protanomaly

57.3707, -3.9160, -33.9768

Deuteranomaly

57.6927, -3.4889, -39.9421

Monochromacy



Original Color

58.3559, -13.9914, -37.3895

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

52.2879, -10.5557, -11.0883

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.3559, -13.9914, -37.3895 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(45, 168, 226)` looks like.

```
.text, #text, p{  
    color:rgb(45, 168, 226)  
}
```

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(45, 168, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 168, 226) }
```

Border

The CSS property to change the border of an element to HunterLab 58.3559, -13.9914, -37.3895 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(45, 168, 226) }
```

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

```
.border{ border-color:rgb(45, 168, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 168, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 168, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 168, 226);  
box-shadow:4px 4px 4px 4px rgb(45, 168,  
226) }
```


Background

The CSS property to change the background color of an element to HunterLab 58.3559, -13.9914, -37.3895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 168, 226) }
```

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

```
.background{ background-color: rgb(45, 168,  
226) }
```

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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