

Converting Colors

HunterLab(51.0579, -11.1769,
-29.6216)

Have a look what the booklet for
HunterLab(51.0579, -11.1769,
-29.6216) contains.

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Color

**HunterLab(51.0834,
-11.2730, -29.3345)**

Conversions

Conversions Part 1

Format	Color
Hex	3B94C4
RGB	59, 148, 196
RGB Percent	23%, 58%, 77%
CMY	0.7686, 0.4196, 0.2314
CMYK	0.70, 0.24, 0.00, 0.23
HSL	201°, 54%, 50%
HSV	201°, 70%, 77%
XYZ	22.3573, 26.0951, 56.0831
YIQ	126.8610, -68.4520, -3.9400

Conversions

Conversions Part 2

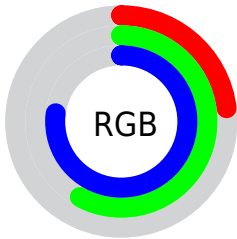
Format	Color
R_{YB}	59, 113, 196
Decimal	3904708
CIE _{Lab}	58.13, -10.87, -32.51
CIE _{LCh}	58, 34.281, 251.522
Yxy	26.0960, 0.2139, 0.2496
Android (android.graphics.Color)	4282094788 (0xFF3B94C4)
YUV	126.8610, 34.0855, -59.5141
Hunter-Lab	51.0834, -11.2730, -29.3345

Details

The HunterLab color **51.0834, -11.2730, -29.3345** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **47.5065, 25.1261, 24.5477**, and the grayscale version is **45.9054, -2.4494, 2.4941**.

A 20% lighter version of the original color is **73.1235, -13.5378, -30.5269**, and **32.4074, -6.2751, -26.9602** is the 20% darker color. If you saturate the color by 10%, you get **48.4916, -9.9109, -34.1481**, and if you desaturate by 10%, it is **53.8798, -11.9451, -24.4778**.

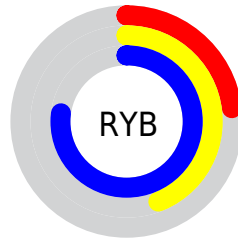
Distribution



Red (23%)

Green (58%)

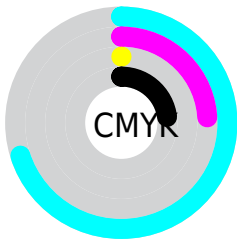
Blue (77%)



Red (23%)

Yellow (44%)

Blue (77%)

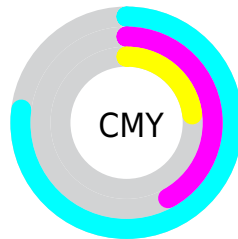


Cyan (70%)

Magenta (24%)

Yellow (0%)

Black (23%)



Cyan (77%)

Magenta (42%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.0834, -11.2730, -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 51.0834, -11.2730, -29.3345 by changing the saturation by 10% instead.

■ 51.0834, -11.2730,
-29.3345

■ 51.0834, -11.2730,
-29.3345

168.3013,
-21.9442, -32.7571

■ 41.1041, -10.0999,
-28.7306

■ 73.0957, -13.6028,
-30.4438

■ 31.8748, -8.9113,
-28.1348

■ 85.0482, -14.7699,
-30.9287

■ 23.4631, -7.6926,
-27.6222

■ 97.5892, -15.9424,
-31.3616

■ 15.9581, -6.4193,
-27.3830

■ 110.6925,
-17.1226, -31.7419

■ 9.4863, -5.4988,
-27.9891

■ 124.3348,
-18.3118, -32.0703

0.0000, NaN, -NF

138.4956,

0.0000, NaN, -NF

-19.5113, -32.3479

0.0000, NaN, NaN

153.1566,
-20.7219, -32.5763

0.0000, NaN, NaN

■ 51.0834, -11.2730,
-29.3345

■ 51.0834, -11.2730,
-29.3345

■ 48.4916, -9.9109,
-34.1481

■ 53.8798, -11.9451,
-24.4778

■ 46.1047, -7.8557,
-38.8888

■ 56.8699, -11.9594,
-19.6139

■ 43.8966, -5.2198,
-43.5816

■ 60.0438, -11.3624,
-14.7696

■ 43.8735, -5.1909,
-43.6325

■ 63.3896, -10.2077,
-9.9659

■ 66.8951, -8.5502,
-5.2170

■ 70.5485, -6.4431,
-0.5319

■ 74.3388, -3.9357,
4.0855

■ 78.2558, -1.0727,
8.6340

■ 82.2899, 2.1064,
13.1153

Harmonies

Analogous

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



51.0843, -21.9815, -18.1238



51.0834, -11.2730, -29.3345



51.0843, 2.9637, -30.6537

Triad

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



51.0843, -11.2727, -29.3335



51.0843, 27.5796, 7.8021



51.0843, -19.9367, 18.9259

Complementary

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



51.0834, -11.2730, -29.3345



47.5065, 25.1261, 24.5477

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.



51.0843, -8.1818, 22.5475



51.0834, -11.2730, -29.3345



51.0843, 19.8800, 17.4294

Square

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



51.0843, -11.2727, -29.3335



51.0843, 26.5128, -6.3653



51.0843, 6.4171, 22.0894



51.0843, -26.5852, 10.4966

Rectangle

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



51.0834, -11.2730, -29.3345



51.0843, 12.6895, -25.4066



51.0843, 6.4171, 22.0894



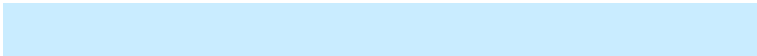
51.0843, -16.5102, 20.6236

Sweetspot

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



51.0843, -11.2727, -29.3335



89.3463, -11.8672, -7.9345



64.3979, -45.6298, 26.0875



40.7177, -5.7978, -4.4979

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.0843, -11.2727, -29.3335



63.4896, -11.9529, -49.4370



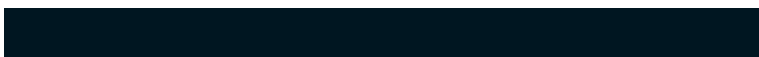
32.5398, 23.1693, -74.7018



32.8865, -2.9374, -0.1320



35.4041, -4.5363, -34.4596



8.1661, -2.1652, -5.5329

Inverse Universe

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



41.2345, 56.2997, -13.8918



51.1129, 86.0706, -17.0542



65.4889, -8.3789, 36.4602



31.9149, 1.9947, 0.2435



29.2363, 53.5117, -7.8034



6.1803, 11.4925, -3.0489

Previews

White Background



This preview shows how the HunterLab color 51.0834, -11.2730, -29.3345 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 51.0834, -11.2730, -29.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

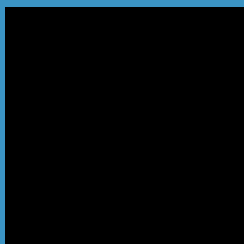
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

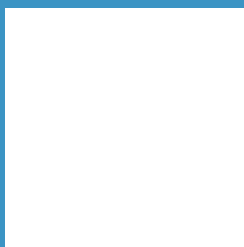
Any Text WCAG AAA × Fail

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

HunterLab 51.0834, -11.2730, -29.3345 Background



This preview shows how black text looks on a background with the HunterLab color 51.0834, -11.2730, -29.3345.



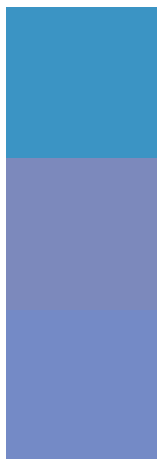
This preview shows how white text looks on a background with the HunterLab color 51.0834, -11.2730, -29.3345.

-11.2730, -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

51.0834, -11.2730, -29.3345

Protanopia

50.8008, 3.6322, -24.1606

Deuteranopia

50.9580, 3.5938, -30.6986



Tritanopia

50.9389, -22.3057, -10.9931

Trichromacy



Original Color

51.0834, -11.2730, -29.3345

Protanomaly

50.5180, -2.9535, -26.7718

Deuteranomaly

50.8037, -2.9291, -30.3933

Tritanomaly

50.8806, -18.4238, -17.4398

Monochromacy



Original Color

51.0834, -11.2730, -29.3345

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

47.3495, -8.1774, -8.1636

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.0834, -11.2730, -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(59, 148, 196)` looks like.

```
.text, #text, p{  
    color:rgb(59, 148, 196)  
}
```

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(59, 148, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 148, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 51.0834, -11.2730, -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(59, 148, 196) }
```


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

```
.border{ border-color:rgb(59, 148, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 148, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 148, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 148, 196);  
box-shadow:4px 4px 4px 4px rgb(59, 148,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.0834, -11.2730, -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(59, 148, 196) }
```

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

```
.background{ background-color: rgb(59, 148,  
196) }
```

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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