

Converting Colors

HunterLab(51.7827, -8.5679,
-15.7658)

Have a look what the booklet for
HunterLab(51.7827, -8.5679,
-15.7658) contains.

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Color

**HunterLab(51.8329, -8.5775,
-15.7901)**

Conversions

Conversions Part 1	
Format	Color
Hex	6693B1
RGB	102, 147, 177
RGB Percent	40%, 58%, 69%
CMY	0.6000, 0.4235, 0.3059
CMYK	0.42, 0.17, 0.00, 0.31
HSL	204°, 32%, 55%
HSV	204°, 42%, 69%
XYZ	23.8490, 26.8665, 45.5237
YIQ	136.9650, -36.4500, -0.2100

Conversions

Conversions Part 2

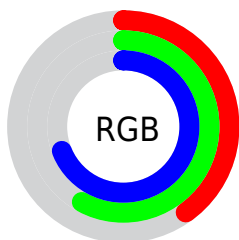
Format	Color
RYB	102, 130, 177
Decimal	6722481
CIELab	58.85, -7.27, -20.50
CIELCh	59, 21.747, 250.479
Yxy	26.8675, 0.2478, 0.2792
Android (android.graphics.Color)	4284912561 (0xFF6693B1)
YUV	136.9650, 19.7373, -30.6643
Hunter-Lab	51.8329, -8.5775, -15.7901

Details

The HunterLab color **51.8329, -8.5775, -15.7901** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **51.7779, 8.6107, 17.6610**, and the grayscale version is **49.9373, -2.6645, 2.7132**.

A 20% lighter version of the original color is **73.9759, -10.4877, -16.3865**, and **32.6460, -6.9397, -14.6370** is the 20% darker color. If you saturate the color by 10%, you get **48.7922, -8.6116, -20.6301**, and if you desaturate by 10%, it is **55.0315, -8.0477, -11.0450**.

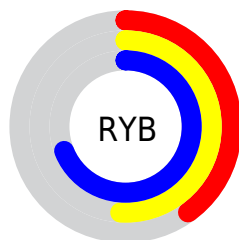
Distribution



Red (40%)

Green (58%)

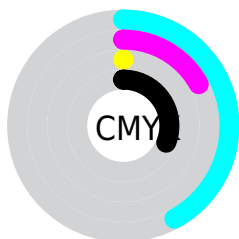
Blue (69%)



Red (40%)

Yellow (51%)

Blue (69%)

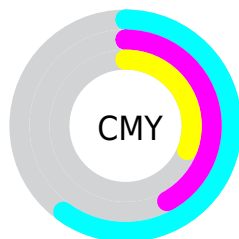


Cyan (42%)

Magenta (17%)

Yellow (0%)

Black (31%)



Cyan (60%)


Magenta (42%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 51.8329, -8.5775, -15.7901 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 51.8329, -8.5775, -15.7901 by changing the saturation by 10% instead.


 51.8329, -8.5775,
-15.7901


 51.8329, -8.5775,
-15.7901


169.4152,
-17.7772, -16.1875


 41.8016, -7.6211,
-15.4524


 73.9400, -10.5201,
-16.2671


 32.5159, -6.6687,
-15.0509


 85.9360, -11.5103,
-16.4135

 24.0424, -5.7131,
-14.5939

 98.5186, -12.5150,
-16.5024

 16.4682, -4.7413,
-14.1164

 111.6616,
-13.5351, -16.5370

 9.9161, -3.7807,
-13.7431

125.3420,
-14.5711, -16.5202

0.0000, NaN, -NF

0.0000, NaN, -NF

139.5396,

-15.6233, -16.4547

0.0000, NaN, NaN

154.2361,
-16.6920, -16.3431

0.0000, NaN, NaN

■ 51.8329, -8.5775,
-15.7901

■ 51.8329, -8.5775,
-15.7901

■ 48.7922, -8.6116,
-20.6301

■ 55.0315, -8.0477,
-11.0450

■ 45.9192, -8.0962,
-25.5538

■ 58.3724, -7.0741,
-6.4044

■ 43.2274, -6.9838,
-30.5374

■ 61.8449, -5.7069,
-1.8685

■ 40.7273, -5.2403,
-35.5495

■ 65.4382, -3.9914,
2.5655

■ 38.4249, -2.8588,
-40.5548

■ 69.1427, -1.9680,
6.9028

■ 36.7752, -0.7193,
-44.4131

■ 72.9496, 0.3276,
11.1502

■ 76.8512, 2.8648,
15.3151

■ 80.8406, 5.6169,
19.4051

■ 84.1929, 6.1619,
22.6950

Harmonies

Analogous

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



51.8339, -15.6133, -9.4054



51.8329, -8.5775, -15.7901



51.8339, 0.5057, -16.7215

Triad

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



51.8339, -8.5778, -15.7891



51.8339, 15.9025, 5.8049



51.8339, -13.8150, 14.1100

Complementary

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



51.8329, -8.5775, -15.7901



51.7779, 8.6107, 17.6610

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.



51.8339, -5.9634, 16.8517



51.8329, -8.5775, -15.7901



51.8339, 11.4634, 12.6457

Square

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



51.8339, -8.5778, -15.7891



51.8339, 15.0798, -3.1554



51.8339, 3.3085, 16.3673



51.8339, -18.4871, 8.1618

Rectangle

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



51.8329, -8.5775, -15.7901



51.8339, 6.5634, -13.9771



51.8339, 3.3085, 16.3673



51.8339, -11.4837, 15.3856

Sweetspot

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



51.8339, -8.5778, -15.7891



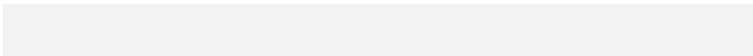
82.3630, -7.8119, -3.0115



59.9179, -29.5391, 15.2433



37.8687, -3.8363, -2.0094



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



51.8339, -8.5778, -15.7891



65.4952, -11.5392, -27.2816



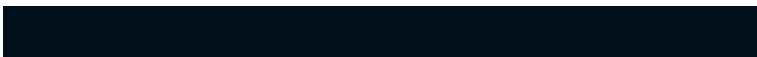
41.6105, 9.0017, -33.4708



30.0828, -2.4952, -0.2428



31.4958, -0.9386, -37.3409



6.5004, -1.5999, -4.6713

Inverse Universe

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



45.7790, 29.6481, -7.0240



56.4226, 49.4183, -11.2625



61.9715, -8.8499, 26.0044



29.3053, 1.7275, 0.4121



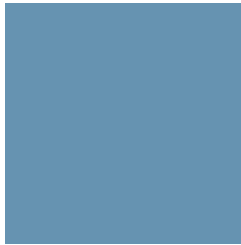
27.4619, 49.8303, -3.9680



4.9843, 9.2451, -2.2772

Previews

White Background



This preview shows how the HunterLab color 51.8329, -8.5775, -15.7901 looks on a white background.

Color Contrast Check

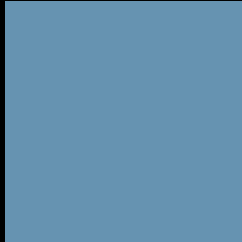
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.8329, -8.5775, -15.7901 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 51.8329, -8.5775, -15.7901 Background



This preview shows how black text looks on a background with the HunterLab color 51.8329, -8.5775, -15.7901.

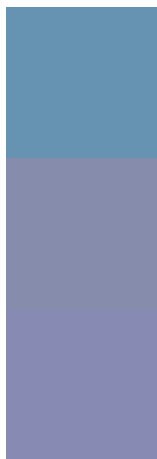


This preview shows how white text looks on a background with the HunterLab color 51.8329, -8.5775, -15.7901.

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

51.8329, -8.5775, -15.7901

Protanopia

51.7717, 1.3050, -12.7734

Deuteranopia

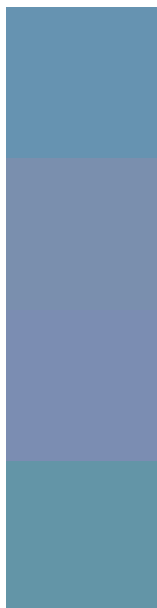
51.5582, 4.0006, -17.2034



Tritanopia

51.9788, -13.8164, -7.2032

Trichromacy



Original Color

51.8329, -8.5775, -15.7901

Protanomaly

51.8059, -2.8383, -13.9566

Deuteranomaly

51.4539, -0.7868, -16.8421

Tritanomaly

51.9014, -12.1792, -9.9955

Monochromacy



Original Color

51.8329, -8.5775, -15.7901

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

50.5983, -5.6278, -3.7287

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8329, -8.5775, -15.7901 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(102, 147, 177)` looks like.

```
.text, #text, p{  
    color:rgb(102, 147, 177)  
}
```

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(102, 147, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 147, 177) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8329, -8.5775, -15.7901 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(102, 147, 177) }
```


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

```
.border{ border-color:rgb(102, 147, 177) }
```

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

Here you see how a box with a 4 pixel rgb(102, 147, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 147, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 147, 177);  
box-shadow:4px 4px 4px 4px rgb(102, 147,  
177) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8329, -8.5775, -15.7901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 147, 177) }
```

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

```
.background{ background-color: rgb(102,  
147, 177) }
```

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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