

Converting Colors

HunterLab(49.7771, 3.2811,
-62.5282)

Have a look what the booklet for
HunterLab(49.7771, 3.2811,
-62.5282) contains.

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Color

**HunterLab(49.7790, 3.4517,
-62.8805)**

Conversions

Conversions Part 1

Format	Color
Hex	2F8AEB
RGB	47, 138, 235
RGB Percent	18%, 54%, 92%
CMY	0.8156, 0.4588, 0.0784
CMYK	0.80, 0.41, 0.00, 0.08
HSL	211°, 82%, 55%
HSV	211°, 80%, 92%
XYZ	25.2562, 24.7795, 82.0491
YIQ	121.8490, -85.3730, 10.8750

Conversions

Conversions Part 2

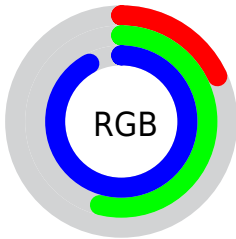
Format	Color
R_{YB}	47, 108, 235
Decimal	3115755
CIE _{Lab}	56.86, 7.40, -56.38
CIE _{LCh}	57, 56.861, 277.477
Yxy	24.7802, 0.1912, 0.1876
Android (android.graphics.Color)	4281305835 (0xFF2F8AEB)
YUV	121.8490, 55.7834, -65.6426
Hunter-Lab	49.7790, 3.4517, -62.8805

Details

The HunterLab color **49.7790, 3.4517, -62.8805** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **61.4974, 22.2705, 35.6898**, and the grayscale version is **43.8728, -2.3409, 2.3837**.

A 20% lighter version of the original color is **69.6754, -7.7592, -37.7083**, and **32.2481, 8.3778, -58.3926** is the 20% darker color. If you saturate the color by 10%, you get **45.9089, 8.3310, -73.0721**, and if you desaturate by 10%, it is **54.0120, -0.3816, -53.0032**.

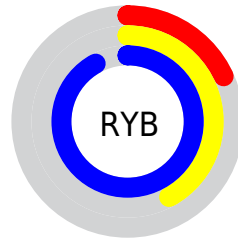
Distribution



Red (18%)

Green (54%)

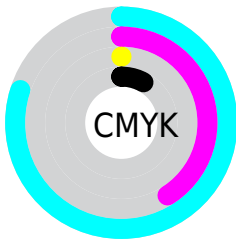
Blue (92%)



Red (18%)

Yellow (42%)

Blue (92%)

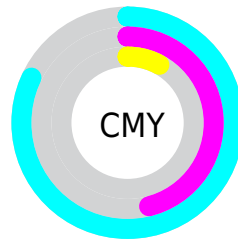


Cyan (80%)

Magenta (41%)

Yellow (0%)

Black (8%)



Cyan (82%)

Magenta (46%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7790, 3.4517, -62.8805 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 49.7790, 3.4517, -62.8805 by changing the saturation by 10% instead.

■ 49.7790, 3.4517,
-62.8805

■ 49.7790, 3.4517,
-62.8805

■ 166.3556, 0.1344,
-69.4884

■ 39.8916, 3.5671,
-62.5464

■ 71.6244, 3.0393,
-64.1653

■ 30.7618, 3.6087,
-62.6759

■ 83.5001, 2.7523,
-64.9371

■ 22.4596, 3.5649,
-63.7171

■ 95.9681, 2.4177,
-65.7336

■ 15.0774, 3.4169,
-66.7398

■ 109.0015, 2.0390,
-66.5306

■ 8.7150, 3.2644,
-75.2897

■ 122.5766, 1.6190,
-67.3128

0.0000, NaN, -NF

0.0000, NaN, -NF

136.6728, 1.1603,

-68.0703

0.0000, NaN, -NF

151.2713, 0.6648,
-68.7969

0.0000, NaN, NaN

■ 49.7790, 3.4517,
-62.8805

■ 49.7790, 3.4517,
-62.8805

■ 45.9089, 8.3310,
-73.0721

■ 54.0120, -0.3816,
-53.0032

■ 42.3986, 14.1494,
-83.5375

■ 58.5737, -3.2232,
-43.5227

■ 42.3961, 14.1538,
-83.5453

■ 63.4310, -5.1644,
-34.4712

■ 68.5519, -6.3107,
-25.8478

■ 73.9076, -6.7653,
-17.6295

■ 79.4733, -6.6225,
-9.7819

■ 85.2273, -5.9647,
-2.2659

■ 91.1513, -4.8624,
4.9573

■ 96.8828, -4.5776,
11.5185

Harmonies

Analogous

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



49.7798, -19.0399, -56.8027



49.7790, 3.4517, -62.8805



49.7798, 28.4404, -45.8500

Triad

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



49.7798, 3.4527, -62.8793



49.7798, 39.2270, 22.6200



49.7798, -38.3413, 16.6943

Complementary

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



49.7790, 3.4517, -62.8805



61.4974, 22.2705, 35.6898

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.



49.7798, -27.6084, 26.3902



49.7790, 3.4517, -62.8805



49.7798, 16.1595, 28.5142

Square

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



49.7798, 3.4527, -62.8793



49.7798, 51.4776, 8.0606



49.7798, -8.4890, 29.4637



49.7798, -40.4655, -3.3103

Rectangle

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



49.7790, 3.4517, -62.8805



49.7798, 42.2258, -26.9237



49.7798, -8.4890, 29.4637



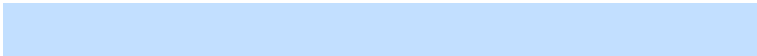
49.7798, -35.7337, 20.9245

Sweetspot

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



49.7798, 3.4527, -62.8793



84.6542, -7.4035, -14.2273



78.7053, -56.7909, 28.5179



38.1570, -3.4425, -8.0133

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.7798, 3.4527, -62.8793



47.8570, 13.1753, -87.4895



29.3894, 52.9486, -139.5264



39.6891, -2.7456, -0.8713



32.0262, 9.7494, -61.0761



9.9865, 0.8074, -14.2251

Inverse Universe

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



46.4023, 72.1520, -0.8674



48.0187, 84.3316, 5.5576



87.9118, -22.9160, 51.9547



38.9558, 2.2509, 1.0460



32.4472, 57.7193, 4.2812



9.1983, 16.5592, -0.3106

Previews

White Background



This preview shows how the HunterLab color 49.7790, 3.4517, -62.8805 looks on a white background.

Color Contrast Check

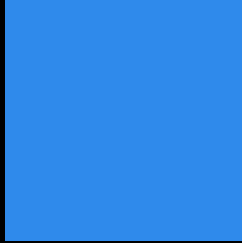
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.7790, 3.4517, -62.8805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

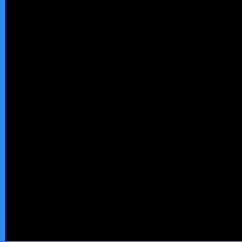
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

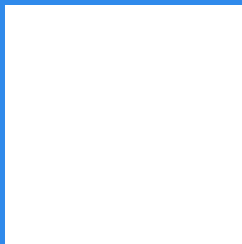
Any Text WCAG AAA × Fail

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

HunterLab 49.7790, 3.4517, -62.8805 Background



This preview shows how black text looks on a background with the HunterLab color 49.7790, 3.4517, -62.8805.



This preview shows how white text looks on a background with the HunterLab color 49.7790, 3.4517, -62.8805.

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

49.7790, 3.4517, -62.8805

Protanopia

49.5937, 10.9315, -58.7489

Deuteranopia

49.7008, 4.6662, -63.0546



Tritanopia

49.7412, -23.9305, -10.5131

Trichromacy



Original Color

49.7790, 3.4517, -62.8805

Protanomaly

49.4512, 7.8563, -60.9243

Deuteranomaly

49.6181, 4.3904, -63.2667

Tritanomaly

49.3468, -15.1137, -27.7023

Monochromacy



Original Color

49.7790, 3.4517, -62.8805

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

45.2941, -4.1930, -17.5206

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7790, 3.4517, -62.8805 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(47, 138, 235)` looks like.

```
.text, #text, p{  
    color:rgb(47, 138, 235)  
}
```

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(47, 138, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 138, 235) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7790, 3.4517, -62.8805 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(47, 138, 235) }
```


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

```
.border{ border-color:rgb(47, 138, 235) }
```

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

Here you see how a box with a 4 pixel rgb(47, 138, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 138, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 138, 235);  
box-shadow:4px 4px 4px 4px rgb(47, 138,  
235) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7790, 3.4517, -62.8805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 138, 235) }
```

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

```
.background{ background-color: rgb(47, 138,  
235) }
```

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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