

Converting Colors

HunterLab(48.8633, 0.5985,
-55.4488)

Have a look what the booklet for
HunterLab(48.8633, 0.5985,
-55.4488) contains.

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Color

**HunterLab(48.8646, 0.5962,
-55.4463)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2F89E0 |
| RGB | 47, 137, 224 |
| RGB Percent | 18%, 54%, 88% |
| CMY | 0.8156, 0.4627, 0.1216 |
| CMYK | 0.79, 0.39, 0.00, 0.12 |
| HSL | 209°, 74%, 53% |
| HSV | 209°, 79%, 88% |
| XYZ | 23.5725, 23.8775, 73.8874 |
| YIQ | 120.0080, -81.5670, 7.9770 |

Conversions

Conversions Part 2

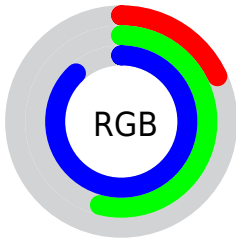
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 47, 107, 224 |
| Decimal | 3115488 |
| CIE Lab | 55.97, 3.95, -51.67 |
| CIE LCh | 56, 51.824, 274.371 |
| Yxy | 23.8782, 0.1943, 0.1968 |
| Android (android.graphics.Color) | 4281305568 (0xFF2F89E0) |
| YUV | 120.0080, 51.2681, -64.0280 |
| Hunter-Lab | 48.8646, 0.5962, -55.4463 |

Details

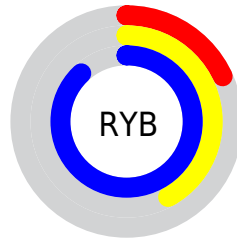
The HunterLab color **48.8646, 0.5962, -55.4463** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **57.5388, 22.7188, 33.0800**, and the grayscale version is **43.1736, -2.3036, 2.3457**.

A 20% lighter version of the original color is **69.2595, -7.6212, -38.4455**, and **31.3155, 5.3768, -50.7486** is the 20% darker color. If you saturate the color by 10%, you get **45.2801, 4.7498, -64.3568**, and if you desaturate by 10%, it is **52.7693, -2.6035, -46.7653**.

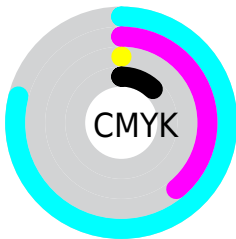
Distribution



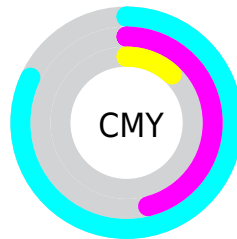
- Red (18%)
- Green (54%)
- Blue (88%)



- Red (18%)
- Yellow (42%)
- Blue (88%)



- Cyan (79%)
- Magenta (39%)
- Yellow (0%)
- Black (12%)



- Cyan (82%)
- Magenta (46%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.8646, 0.5962, -55.4463 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 48.8646, 0.5962, -55.4463 by changing the saturation by 10% instead.

■ 48.8646, 0.5962,
-55.4463

■ 48.8646, 0.5962,
-55.4463

164.9862, -4.0347,
-61.7621

■ 39.0427, 0.8967,
-54.9873

■ 70.5914, -0.1550,
-56.8085

■ 29.9839, 1.1371,
-54.8884

■ 82.4127, -0.5986,
-57.5682

■ 21.7598, 1.3090,
-55.5236

■ 94.8288, -1.0828,
-58.3320

■ 14.4657, 1.3988,
-57.8049

■ 107.8126, -1.6050,
-59.0812

■ 8.1267, 1.6835,
-65.6077

■ 121.3401, -2.1631,
-59.8046

0.0000, NaN, -NF

0.0000, NaN, -NF

135.3905, -2.7551,

-60.4951

0.0000, NaN, -NF

149.9448, -3.3794,
-61.1485

0.0000, NaN, NaN

■ 48.8646, 0.5962,
-55.4463

■ 48.8646, 0.5962,
-55.4463

■ 45.2801, 4.7498,
-64.3568

■ 52.7693, -2.6035,
-46.7653

■ 42.0153, 9.7885,
-73.4557

■ 56.9667, -4.8995,
-38.3809

■ 41.7034, 10.3106,
-74.3831

■ 61.4297, -6.3718,
-30.3240

■ 66.1317, -7.1126,
-22.6001

■ 71.0482, -7.2126,
-15.1971

■ 76.1576, -6.7555,
-8.0925

■ 81.4409, -5.8151,
-1.2589

■ 86.8819, -4.4551,
5.3328

■ 92.4663, -2.7301,
11.7106

Harmonies

Analogous

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



48.8654, -19.3158, -48.0840



48.8646, 0.5962, -55.4463



48.8654, 23.1302, -42.5068

Triad

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



48.8654, 0.5971, -55.4451



48.8654, 36.6346, 20.1267



48.8654, -34.7141, 16.8546

Complementary

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



48.8646, 0.5962, -55.4463



57.5388, 22.7188, 33.0800

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.



48.8654, -23.9251, 25.3308



48.8646, 0.5962, -55.4463



48.8654, 16.6937, 26.5623

Square

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



48.8654, 0.5971, -55.4451



48.8654, 46.1067, 5.5773



48.8654, -5.7364, 27.9373



48.8654, -37.5229, -0.4493

Rectangle

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



48.8646, 0.5962, -55.4463



48.8654, 35.9578, -26.4236



48.8654, -5.7364, 27.9373



48.8654, -32.0051, 20.5381

Sweetspot

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



48.8654, 0.5971, -55.4451



85.1282, -8.1728, -13.5798



74.5639, -53.8046, 27.4861



38.4084, -3.8498, -7.6596

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.8654, 0.5971, -55.4451



49.8890, 9.3168, -81.5311



28.7486, 47.5860, -126.8932



37.9336, -2.7397, -0.7243



32.1777, 7.1628, -55.6817



9.4702, 0.0648, -11.9767

Inverse Universe

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



44.3710, 68.2744, -3.0886



48.2874, 84.8718, 2.6776



82.3363, -20.2471, 48.4430



37.1702, 2.1669, 0.8929



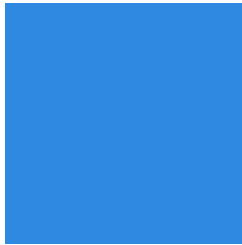
31.5488, 56.3390, 2.4742



8.4142, 15.2251, -0.8842

Previews

White Background



This preview shows how the HunterLab color 48.8646, 0.5962, -55.4463 looks on a white background.

Color Contrast Check

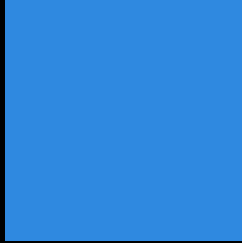
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.8646, 0.5962, -55.4463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

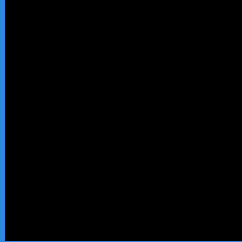
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

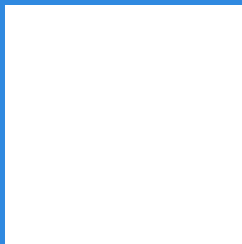
Any Text WCAG AAA × Fail

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

HunterLab 48.8646, 0.5962, -55.4463 Background



This preview shows how black text looks on a background with the HunterLab color 48.8646, 0.5962, -55.4463.

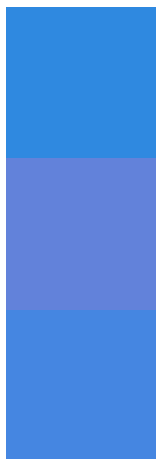


This preview shows how white text looks on a background with the HunterLab color 48.8646, 0.5962, -55.4463.

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

48.8646, 0.5962, -55.4463

Protanopia

48.6044, 9.2321, -50.8007

Deuteranopia

48.7357, 4.7029, -56.5478



Tritanopia

48.6652, -23.3673, -10.3839

Trichromacy



Original Color

48.8646, 0.5962, -55.4463

Protanomaly

48.5846, 5.1012, -52.6029

Deuteranomaly

48.7404, 3.2542, -56.5618

Tritanomaly

48.4609, -15.7370, -25.2249

Monochromacy



Original Color

48.8646, 0.5962, -55.4463

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

44.4044, -4.7606, -15.9132

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.8646, 0.5962, -55.4463 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, 137, 224)` looks like.

```
.text, #text, p{  
    color:rgb(47, 137, 224)  
}
```

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, 137, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 137, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 48.8646, 0.5962, -55.4463 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, 137, 224) }
```


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

```
.border{ border-color:rgb(47, 137, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 137, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 137, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 137, 224);  
box-shadow:4px 4px 4px 4px rgb(47, 137,  
224) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.8646, 0.5962, -55.4463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 137, 224) }
```

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

```
.background{ background-color: rgb(47, 137,  
224) }
```

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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