

Converting Colors

HunterLab(48.8754, 3.7067,
-56.2315)

Have a look what the booklet for
HunterLab(48.8754, 3.7067,
-56.2315) contains.

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Color

**HunterLab(48.8754, 3.7067,
-56.2315)**

Conversions

Conversions Part 1

Format	Color
Hex	4187E1
RGB	65, 135, 225
RGB Percent	25%, 53%, 88%
CMY	0.7451, 0.4706, 0.1176
CMYK	0.71, 0.40, 0.00, 0.12
HSL	214°, 73%, 57%
HSV	214°, 71%, 88%
XYZ	24.4346, 23.8880, 74.5573
YIQ	124.3300, -70.6100, 13.1500

Conversions

Conversions Part 2

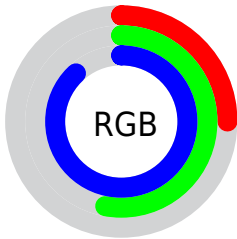
Format	Color
R _{YB}	65, 114, 225
Decimal	4294625
CIE Lab	55.98, 7.69, -52.18
CIE LCh	56, 52.748, 278.380
Yxy	23.8888, 0.1989, 0.1944
Android (android.graphics.Color)	4282484705 (0xFF4187E1)
YUV	124.3300, 49.6303, -52.0324
Hunter-Lab	48.8754, 3.7067, -56.2315

Details

The HunterLab color **48.8754, 3.7067, -56.2315** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **63.1154, 13.2206, 34.4234**, and the grayscale version is **44.8576, -2.3935, 2.4372**.

A 20% lighter version of the original color is **69.2331, -4.5204, -38.4384**, and **30.8547, 6.6862, -52.9992** is the 20% darker color. If you saturate the color by 10%, you get **44.6578, 8.0596, -66.9161**, and if you desaturate by 10%, it is **53.4415, 0.3523, -46.0939**.

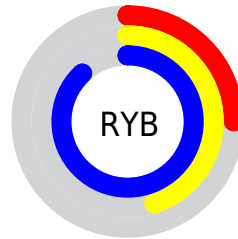
Distribution



Red (25%)

Green (53%)

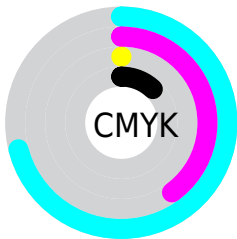
Blue (88%)



Red (25%)

Yellow (45%)

Blue (88%)

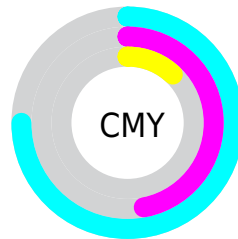


Cyan (71%)

Magenta (40%)

Yellow (0%)

Black (12%)



Cyan (75%)

Magenta (47%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.8754, 3.7067, -56.2315 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 48.8754, 3.7067, -56.2315 by changing the saturation by 10% instead.

■ 48.8754, 3.7067,
-56.2315

■ 48.8754, 3.7067,
-56.2315

■ 165.0024, 0.5361,
-62.5855

■ 39.0527, 3.8002,
-55.7866

■ 70.6036, 3.3330,
-57.5860

■ 29.9931, 3.8179,
-55.7148

■ 82.4255, 3.0637,
-58.3478

■ 21.7680, 3.7475,
-56.4007

■ 94.8423, 2.7458,
-59.1160

■ 14.4729, 3.5689,
-58.7810

■ 107.8267, 2.3831,
-59.8712

■ 8.1340, 3.6838,
-66.8105

■ 121.3548, 1.9784,
-60.6019

0.0000, NaN, -NF

0.0000, NaN, -NF

135.4056, 1.5343,

-61.3005

0.0000, NaN, -NF

149.9605, 1.0529,
-61.9626

0.0000, NaN, NaN

■ 48.8754, 3.7067,
-56.2315

■ 48.8754, 3.7067,
-56.2315

■ 44.6578, 8.0596,
-66.9161

■ 53.4415, 0.3523,
-46.0939

■ 40.8285, 13.4608,
-78.0513

■ 58.3122, -2.1070,
-36.5345

■ 37.7525, 19.0346,
-88.2776

■ 63.4505, -3.7850,
-27.5322

■ 68.8243, -4.7921,
-19.0413

■ 74.4062, -5.2268,
-11.0057

■ 80.1733, -5.1740,
-3.3679

■ 86.1066, -4.7048,
3.9264

■ 92.1901, -3.8784,
10.9261

■ 97.1570, -7.0989,
16.2724

Harmonies

Analogous

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



48.8762, -17.2387, -51.4712



48.8754, 3.7067, -56.2315



48.8762, 26.5196, -40.5571

Triad

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



48.8762, 3.7075, -56.2303



48.8762, 35.1613, 21.6287



48.8762, -36.0434, 15.2846

Complementary

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



48.8754, 3.7067, -56.2315



63.1154, 13.2206, 34.4234

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.



48.8762, -26.1964, 24.8589



48.8754, 3.7067, -56.2315



48.8762, 13.9702, 27.2313

Square

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



48.8762, 3.7075, -56.2303



48.8762, 46.6671, 8.1684



48.8762, -8.6231, 28.0734



48.8762, -37.8111, -3.5740

Rectangle

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



48.8754, 3.7067, -56.2315



48.8762, 38.8726, -23.4843



48.8762, -8.6231, 28.0734



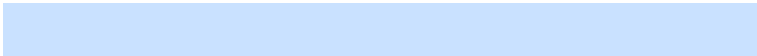
48.8762, -33.6645, 19.4034

Sweetspot

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



48.8762, 3.7075, -56.2303



85.7226, -6.0228, -12.7190



75.6804, -50.2283, 22.1426



38.8214, -2.7496, -7.0533

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.8762, 3.7075, -56.2303



49.4282, 11.9299, -82.8175



32.6113, 42.7136, -108.6679



37.7160, -2.3811, -0.9909



29.0457, 13.5961, -65.6547



8.7217, 1.4091, -13.9431

Inverse Universe

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



46.4099, 62.3051, 0.4046



49.3535, 80.6524, 5.1344



83.0570, -23.9335, 47.1892



37.1479, 2.0468, 1.2115



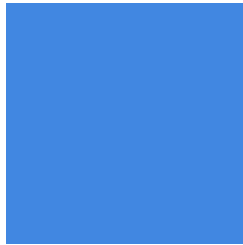
31.2405, 55.2142, 6.9013



8.3321, 14.9276, 0.2793

Previews

White Background



This preview shows how the HunterLab color 48.8754, 3.7067, -56.2315 looks on a white background.

Color Contrast Check

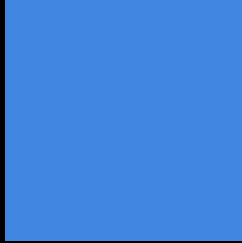
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.8754, 3.7067, -56.2315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

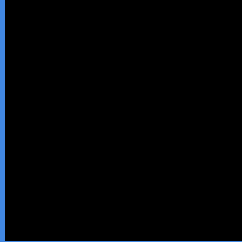
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

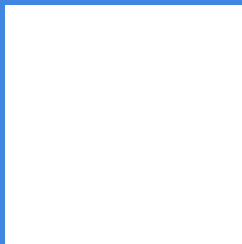
Any Text WCAG AAA × Fail

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

HunterLab 48.8754, 3.7067, -56.2315 Background



This preview shows how black text looks on a background with the HunterLab color 48.8754, 3.7067, -56.2315.



This preview shows how white text looks on a background with the HunterLab color 48.8754, 3.7067, -56.2315.

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

48.8754, 3.7067, -56.2315

Protanopia

48.6544, 9.7196, -53.2091

Deuteranopia

48.7357, 4.7029, -56.5478



Tritanopia

48.7010, -23.1560, -10.8849

Trichromacy



Original Color

48.8754, 3.7067, -56.2315

Protanomaly

48.6906, 7.1102, -54.0237

Deuteranomaly

48.6984, 4.5789, -56.6392

Tritanomaly

48.2699, -14.7625, -26.2151

Monochromacy



Original Color

48.8754, 3.7067, -56.2315

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

45.7112, -2.8885, -15.6180

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.8754, 3.7067, -56.2315 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(65, 135, 225)` looks like.

```
.text, #text, p{  
    color:rgb(65, 135, 225)  
}
```

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(65, 135, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 135, 225) }
```

Border

The CSS property to change the border of an element to HunterLab 48.8754, 3.7067, -56.2315 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(65, 135, 225) }
```


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

```
.border{ border-color:rgb(65, 135, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 135, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 135, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 135, 225);  
box-shadow:4px 4px 4px 4px rgb(65, 135,  
225) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.8754, 3.7067, -56.2315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 135, 225) }
```

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

```
.background{ background-color: rgb(65, 135,  
225) }
```

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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