

Converting Colors

HunterLab(64.1956, -9.4798,
-47.9870)

Have a look what the booklet for
HunterLab(64.1956, -9.4798,
-47.9870) contains.

HunterLab(64.1889, -9.5229, -48.0011)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(64.1889, -9.5229,
-48.0011)**

Conversions

Conversions Part 1

Format	Color
Hex	47B4FF
RGB	71, 180, 255
RGB Percent	28%, 71%, 100%
CMY	0.7215, 0.2941, 0.0000
CMYK	0.72, 0.29, 0.00, 0.00
HSL	204°, 100%, 64%
HSV	204°, 72%, 100%
XYZ	36.9698, 41.2021, 100.6120
YIQ	155.9590, -89.0390, 0.2170

Conversions

Conversions Part 2

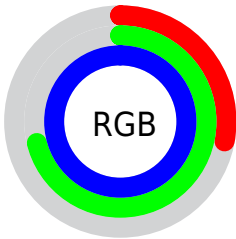
Format	Color
R _Y B	71, 139, 255
Decimal	4699391
CIE Lab	70.32, -7.07, -45.98
CIE LCh	70, 46.518, 261.254
Yxy	41.2035, 0.2068, 0.2305
Android (android.graphics.Color)	4282889471 (0xFF47B4FF)
YUV	155.9590, 48.8272, -74.5090
Hunter-Lab	64.1889, -9.5229, -48.0011

Details

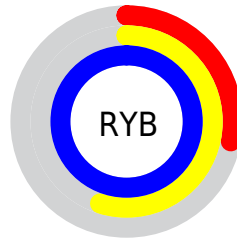
The HunterLab color **64.1889, -9.5229, -48.0011** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **65.0201, 30.7778, 35.1661**, and the grayscale version is **57.4776, -3.0669, 3.1229**.

A 20% lighter version of the original color is **85.3149, -26.1500, -13.6352**, and **44.1764, -4.9323, -44.5692** is the 20% darker color. If you saturate the color by 10%, you get **60.3259, -6.5760, -55.9257**, and if you desaturate by 10%, it is **68.3620, -11.4623, -40.1291**.

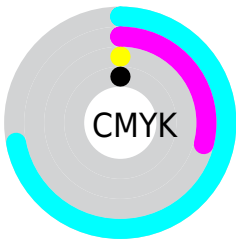
Distribution



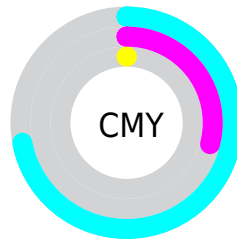
- Red (28%)
- Green (71%)
- Blue (100%)



- Red (28%)
- Yellow (55%)
- Blue (100%)



- Cyan (72%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.1889, -9.5229, -48.0011 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 64.1889, -9.5229, -48.0011 by changing the saturation by 10% instead.

■ 64.1889, -9.5229,
-48.0011

■ 64.1889, -9.5229,
-48.0011

187.3954,
-18.8042, -53.4105

■ 53.3649, -8.5662,
-47.2964

■ 87.7455, -11.4744,
-49.4325

■ 43.2277, -7.6198,
-46.6618

■ 100.4118,
-12.4724, -50.1199

■ 33.8288, -6.6793,
-46.1885

■ 113.6350,
-13.4863, -50.7733

■ 25.2314, -5.7384,
-46.0661

■ 127.3925,
-14.5164, -51.3873

■ 17.5186, -4.7855,
-46.7275

141.6644,
-15.5632, -51.9590

■ 10.8068, -3.7976,
-49.3641

156.4327,

■ 1.8770, -3.2848,

-16.6267, -52.4870

-173.6938

171.6812,
-17.7070, -52.9708

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.1889, -9.5229,
-48.0011

■ 64.1889, -9.5229,
-48.0011

■ 60.3259, -6.5760,
-55.9257

■ 68.3620, -11.4623,
-40.1291

■ 56.7790, -2.6182,
-63.8505

■ 72.8248, -12.4484,
-32.3682

■ 54.1951, 1.0880,
-70.0879

■ 77.5573, -12.5588,
-24.7540

■ 82.5381, -11.8801,
-17.3084

■ 87.7464, -10.4992,

-10.0410

■ 93.1630, -8.4976,
-2.9517

■ 98.7701, -5.9492,
3.9661

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



64.1899, -27.0460, -34.8007



64.1889, -9.5229, -48.0011



64.1899, 12.0602, -44.2954

Triad

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



64.1899, -9.5226, -47.9990



64.1899, 39.2501, 16.0442



64.1899, -32.2815, 23.3667

Complementary

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



64.1889, -9.5229, -48.0011



65.0201, 30.7778, 35.1661

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.



64.1899, -17.5749, 30.1836



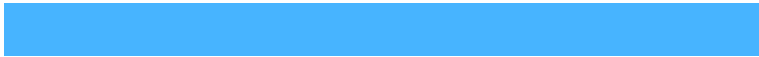
64.1889, -9.5229, -48.0011



64.1899, 24.1904, 27.0125

Square

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



64.1899, -9.5226, -47.9990



64.1899, 42.1396, -2.7001



64.1899, 2.9019, 31.2569



64.1899, -39.0182, 9.1265

Rectangle

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



64.1889, -9.5229, -48.0011



64.1899, 25.7884, -33.1220



64.1899, 2.9019, 31.2569



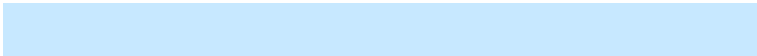
64.1899, -28.2040, 26.3803

Sweetspot

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



64.1899, -9.5226, -47.9990



87.8272, -10.4733, -9.9320



86.5404, -61.8451, 33.9987



39.9692, -5.0498, -5.4982

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.1899, -9.5226, -47.9990



58.5667, -4.7810, -59.7712



39.7159, 39.5148, -116.0710



43.7799, -3.6426, -0.5107



39.5576, 0.1264, -49.7164



13.1852, -1.3607, -13.5430

Inverse Universe

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



53.9105, 76.9449, -12.9235



50.0569, 85.4922, -9.5782



90.5830, -15.5623, 51.6411



42.6236, 2.7200, 0.5632



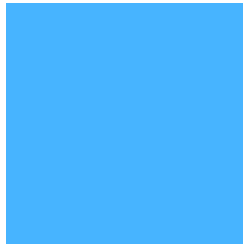
35.0823, 63.4965, -3.8196



11.0456, 20.1690, -2.5768

Previews

White Background



This preview shows how the HunterLab color 64.1889, -9.5229, -48.0011 looks on a white background.

Color Contrast Check

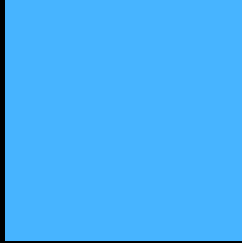
Large Text (above 18pt) WCAG AA × Fail

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 64.1889, -9.5229, -48.0011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

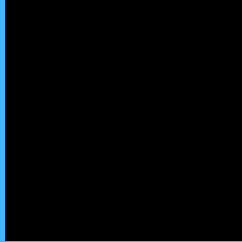
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

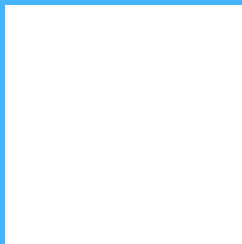
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.1889, -9.5229, -48.0011 Background



This preview shows how black text looks on a background with the HunterLab color 64.1889, -9.5229, -48.0011.

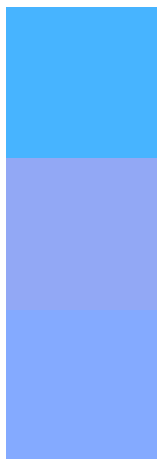


This preview shows how white text looks on a background with the HunterLab color 64.1889, -9.5229, -48.0011.

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

64.1889, -9.5229, -48.0011

Protanopia

63.8035, 6.7913, -40.8409

Deuteranopia

63.9335, 5.2124, -48.2495



Tritanopia

64.3469, -30.0416, -14.0942

Trichromacy



Original Color

64.1889, -9.5229, -48.0011

Protanomaly

63.4559, -0.0502, -44.6384

Deuteranomaly

63.8804, -1.0912, -48.4655

Tritanomaly

63.9505, -23.2829, -25.7260

Monochromacy



Original Color

64.1889, -9.5229, -48.0011

Achromatopsia

57.6586, -3.0765, 3.1327

Achromatomaly

59.2250, -8.9250, -13.5860

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.1889, -9.5229, -48.0011 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(71, 180, 255)` looks like.

```
.text, #text, p{  
    color:rgb(71, 180, 255)  
}
```

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(71, 180, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 180, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 64.1889, -9.5229, -48.0011 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(71, 180, 255) }
```


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

```
.border{ border-color:rgb(71, 180, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 180, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 180, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 180, 255);  
box-shadow:4px 4px 4px 4px rgb(71, 180,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.1889, -9.5229, -48.0011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 180, 255) }
```

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

```
.background{ background-color: rgb(71, 180,  
255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor