

Converting Colors

HunterLab(64.3747, -12.0801,
-47.6791)

Have a look what the booklet for
HunterLab(64.3747, -12.0801,
-47.6791) contains.

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Color

**HunterLab(64.3896,
-12.0533, -47.6494)**

Conversions

Conversions Part 1

Format	Color
Hex	36B6FF
RGB	54, 182, 255
RGB Percent	21%, 71%, 100%
CMY	0.7882, 0.2863, 0.0000
CMYK	0.79, 0.29, 0.00, 0.00
HSL	202°, 100%, 61%
HSV	202°, 79%, 100%
XYZ	36.2993, 41.4602, 100.6973
YIQ	152.0500, -99.7210, -4.4330

Conversions

Conversions Part 2

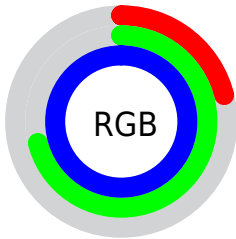
Format	Color
R _Y B	54, 132, 255
Decimal	3585791
CIE Lab	70.50, -10.07, -45.72
CIE LCh	70, 46.818, 257.581
Yxy	41.4615, 0.2034, 0.2323
Android (android.graphics.Color)	4281775871 (0xFF36B6FF)
YUV	152.0500, 50.7544, -85.9898
Hunter-Lab	64.3896, -12.0533, -47.6494

Details

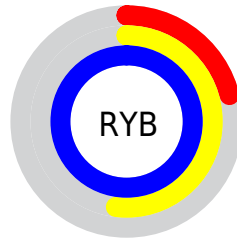
The HunterLab color **64.3896, -12.0533, -47.6494** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **60.5883, 39.7965, 34.6135**, and the grayscale version is **55.8876, -2.9820, 3.0365**.

A 20% lighter version of the original color is **85.5072, -28.9142, -13.4172**, and **44.4722, -5.4050, -43.9184** is the 20% darker color. If you saturate the color by 10%, you get **61.0425, -9.0482, -54.4359**, and if you desaturate by 10%, it is **68.0304, -14.0841, -40.7793**.

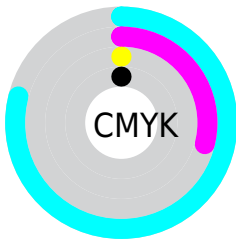
Distribution



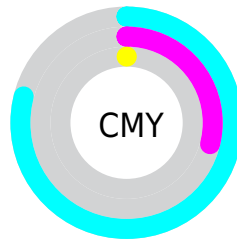
- Red (21%)
- Green (71%)
- Blue (100%)



- Red (21%)
- Yellow (52%)
- Blue (100%)



- Cyan (79%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (79%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.3896, -12.0533, -47.6494 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 64.3896, -12.0533, -47.6494 by changing the saturation by 10% instead.

■ 64.3896, -12.0533,
-47.6494

■ 64.3896, -12.0533,
-47.6494

187.6821,
-22.5005, -53.0146

■ 53.5536, -10.9321,
-46.9443

■ 87.9682, -14.3053,
-49.0755

■ 43.4037, -9.8091,
-46.3057

■ 100.6447,
-15.4424, -49.7585

■ 33.9910, -8.6768,
-45.8219

■ 113.8777,
-16.5891, -50.4068

■ 25.3785, -7.5241,
-45.6768

■ 127.6447,
-17.7467, -51.0154

■ 17.6489, -6.3317,
-46.2898

141.9256,
-18.9160, -51.5813

■ 10.9178, -5.0627,
-48.8097

156.7027,

■ 2.3482, -4.1093,

-20.0978, -52.1034

-138.5598

171.9598,
-21.2925, -52.5811

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.3896, -12.0533,
-47.6494

■ 64.3896, -12.0533,
-47.6494

■ 61.0425, -9.0482,
-54.4359

■ 68.0304, -14.0841,
-40.7793

■ 57.9691, -5.1581,
-61.1336

■ 71.9561, -15.1508,
-33.8806

■ 57.6156, -4.6686,
-61.9364

■ 76.1546, -15.3017,
-26.9985

■ 80.6092, -14.6065,
-20.1710

■ 85.3021, -13.1434,

-13.4253

■ 90.2156, -10.9915,
-6.7785

■ 95.3325, -8.2266,
-0.2398

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.



64.3906, -28.9146, -32.6112



64.3896, -12.0533, -47.6494



64.3906, 9.4690, -46.0982

Triad

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



64.3906, -12.0530, -47.6473



64.3906, 40.6765, 14.2441



64.3906, -31.0911, 24.7153

Complementary

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



64.3896, -12.0533, -47.6494



60.5883, 39.7965, 34.6135

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.



64.3906, -15.4044, 30.7706



64.3896, -12.0533, -47.6494



64.3906, 26.7392, 26.2254

Square

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



64.3906, -12.0530, -47.6473



64.3906, 41.8823, -5.4956



64.3906, 5.6526, 31.2140



64.3906, -38.9031, 11.3687

Rectangle

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



64.3896, -12.0533, -47.6494



64.3906, 23.6313, -35.8790



64.3906, 5.6526, 31.2140



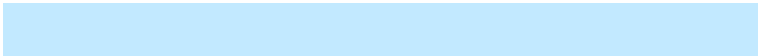
64.3906, -26.6652, 27.4516

Sweetspot

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



64.3906, -12.0530, -47.6473



87.6422, -12.1881, -10.2108



85.8890, -65.2147, 38.5364



39.7442, -5.9727, -5.8231

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.3906, -12.0530, -47.6473



59.1151, -6.7254, -58.5789



37.9093, 40.8055, -123.8924



43.9395, -3.9024, -0.3174



41.9992, -3.9466, -43.9758



13.8758, -2.4478, -12.0594

Inverse Universe

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



52.2279, 82.9174, -16.6073



49.3275, 88.6651, -12.0031



86.7740, -10.3455, 50.9025



42.6402, 2.8088, 0.3276



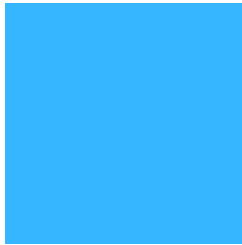
35.3676, 64.5260, -7.8274



11.1306, 20.4746, -3.7614

Previews

White Background



This preview shows how the HunterLab color 64.3896, -12.0533, -47.6494 looks on a white background.

Color Contrast Check

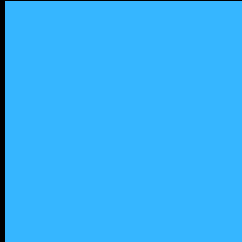
Large Text (above 18pt) WCAG AA × Fail

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 64.3896, -12.0533, -47.6494 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

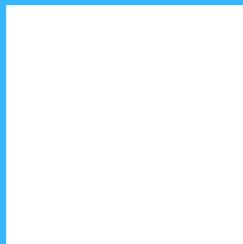
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.3896, -12.0533, -47.6494 Background



This preview shows how black text looks on a background with the HunterLab color 64.3896, -12.0533, -47.6494.



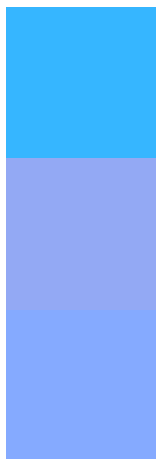
This preview shows how white text looks on a background with the HunterLab color 64.3896, -12.0533, -47.6494.

-12.0533, -47.6494.

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

64.3896, -12.0533, -47.6494

Protanopia

64.1176, 6.2505, -39.5254

Deuteranopia

63.9969, 5.4240, -48.1200



Tritanopia

64.2142, -30.5586, -14.2950

Trichromacy



Original Color

64.3896, -12.0533, -47.6494

Protanomaly

63.6868, -2.4537, -43.4753

Deuteranomaly

63.5886, -2.0979, -49.0659

Tritanomaly

64.0446, -24.6235, -25.5964

Monochromacy



Original Color

64.3896, -12.0533, -47.6494

Achromatopsia

56.0347, -2.9899, 3.0445

Achromatomaly

57.9496, -10.5902, -13.7349

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.3896, -12.0533, -47.6494 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(54, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(54, 182, 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(54, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 182, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 64.3896, -12.0533, -47.6494 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(54, 182, 255) }
```


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

```
.border{ border-color:rgb(54, 182, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 182, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 182, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 182, 255);  
box-shadow:4px 4px 4px 4px rgb(54, 182,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.3896, -12.0533, -47.6494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 182, 255) }
```

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

```
.background{ background-color: rgb(54, 182,  
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](#).

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