

Converting Colors

HunterLab(65.6433, 19.9587,
-69.2873)

Have a look what the booklet for
HunterLab(65.6433, 19.9587,
-69.2873) contains.

HunterLab(64.0872, 11.6488, -47.8317)	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(64.0872, 11.6488,
-47.8317)**

Conversions

Conversions Part 1

Format	Color
Hex	97A6FF
RGB	151, 166, 255
RGB Percent	59%, 65%, 100%
CMY	0.4078, 0.3490, 0.0000
CMYK	0.41, 0.35, 0.00, 0.00
HSL	231°, 100%, 80%
HSV	231°, 41%, 100%
XYZ	44.4487, 41.0717, 100.1926
YIQ	171.6610, -37.5090, 24.4990

Conversions

Conversions Part 2

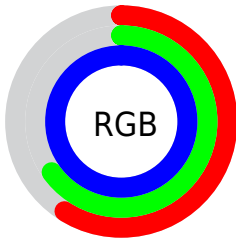
Format	Color
RYB	151, 164, 255
Decimal	9938687
CIELab	70.23, 16.44, -45.86
CIElCh	70, 48.719, 289.715
Yxy	41.0731, 0.2393, 0.2212
Android (android.graphics.Color)	4288128767 (0xFF97A6FF)
YUV	171.6610, 41.0861, -18.1197
Hunter-Lab	64.0872, 11.6488, -47.8317

Details

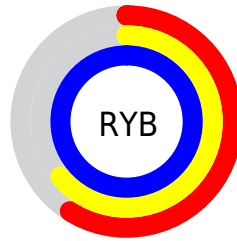
The HunterLab color $64.0872, 11.6488, -47.8317$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $92.6368, -11.8429, 38.1350$, and the grayscale version is $63.9366, -3.4115, 3.4738$.

A 20% lighter version of the original color is $85.0546, -2.1101, -13.5761$, and $43.0636, 11.3928, -46.8220$ is the 20% darker color. If you saturate the color by 10%, you get $56.2310, 17.7216, -64.7950$, and if you desaturate by 10%, it is $72.3884, 6.5132, -32.7695$.

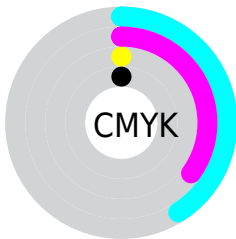
Distribution



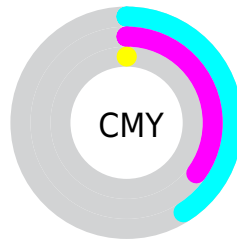
- Red (59%)
- Green (65%)
- Blue (100%)



- Red (59%)
- Yellow (64%)
- Blue (100%)



- Cyan (41%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.0872, 11.6488, -47.8317 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 64.0872, 11.6488, -47.8317 by changing the saturation by 10% instead.

■ 64.0872, 11.6488,
-47.8317

■ 64.0872, 11.6488,
-47.8317

187.2502, 11.0690,
-53.2265

■ 53.2694, 11.4066,
-47.1274

■ 87.6327, 11.9109,
-49.2610

■ 43.1387, 11.0789,
-46.4927

■ 100.2939, 11.9451,
-49.9469

■ 33.7468, 10.6531,
-46.0186

113.5121, 11.9218,
-50.5987

■ 25.1570, 10.1128,
-45.8946

127.2649, 11.8450,
-51.2110

■ 17.4528, 9.4359,
-46.5541

141.5321, 11.7185,
-51.7809

■ 10.7508, 8.5935,
-49.1925

156.2960, 11.5453,

■ 1.5857, 45.0774,

-52.3070

-203.7783

171.5402, 11.3280,
-52.7888

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.0872, 11.6488,
-47.8317

■ 64.0872, 11.6488,
-47.8317

■ 56.2310, 17.7216,
-64.7950

■ 72.3884, 6.5132,
-32.7695

■ 48.9252, 24.9634,
-84.0660

■ 81.0534, 2.1134,
-19.2232

■ 42.3242, 33.5693,
-105.8640

■ 90.0268, -1.7122,
-6.8628

■ 36.6384, 43.5143,
-129.7604

■ 99.2667, -5.0877,
4.5713

■ 32.1304, 54.1745,

100.0000, -5.3358,

-153.8319

5.4332

■ 29.2049, 63.2140,
-172.9644

Harmonies

Analogous

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



64.0883, -10.8801, -50.8245



64.0872, 11.6488, -47.8317



64.0883, 32.5651, -28.7779

Triad

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



64.0883, 11.6484, -47.8295



64.0883, 26.6337, 27.4066



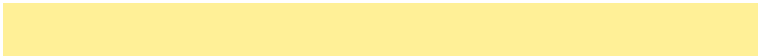
64.0883, -40.3015, 10.3342

Complementary

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



64.0872, 11.6488, -47.8317



92.6368, -11.8429, 38.1350

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.



64.0883, -32.8879, 24.6094



64.0872, 11.6488, -47.8317



64.0883, 4.3914, 31.9924

Square

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



64.0883, 11.6484, -47.8295



64.0883, 42.0005, 15.7489



64.0883, -17.2188, 31.1813



64.0883, -38.9124, -11.8057

Rectangle

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



64.0872, 11.6488, -47.8317



64.0883, 41.8169, -12.2759



64.0883, -17.2188, 31.1813



64.0883, -38.8005, 16.0487

Sweetspot

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



64.0883, 11.6484, -47.8295



88.9194, -1.2727, -8.3135



91.8452, -36.0300, 3.0474



40.5905, -0.3671, -4.5736

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.0883, 11.6484, -47.8295



57.5948, 16.5601, -61.6127



63.2221, 29.7103, -49.2463



42.1903, -1.0023, -2.4773



21.4089, 44.5510, -122.9322



7.5294, 10.9601, -33.0707

Inverse Universe

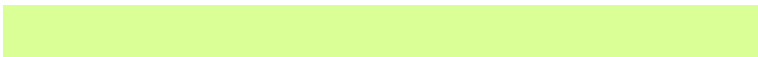
The Inverse Universe completely reimagines the original color for something new.



67.9323, 36.6486, 11.0132



62.7526, 45.4363, 12.9647



94.2087, -31.4007, 39.0739



42.4614, 1.8491, 2.8739



33.4524, 57.5330, 19.7195



10.4965, 18.1676, 5.2947

Previews

White Background



This preview shows how the HunterLab color 64.0872, 11.6488, -47.8317 looks on a white background.

Color Contrast Check

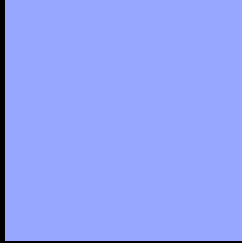
Large Text (above 18pt) WCAG AA × Fail

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 64.0872, 11.6488, -47.8317 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 64.0872, 11.6488, -47.8317 Background



This preview shows how black text looks on a background with the HunterLab color 64.0872, 11.6488, -47.8317.



This preview shows how white text looks on a background with the HunterLab color 64.0872, 11.6488, -47.8317.

-47.8317.

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

64.0872, 11.6488, -47.8317

Protanopia

64.0125, 8.4642, -48.0356

Deuteranopia

64.0750, 5.5847, -47.1831



Tritanopia

64.2194, -13.0507, -7.2362

Trichromacy



Original Color

64.0872, 11.6488, -47.8317

Protanomaly

63.9353, 9.6881, -48.1677

Deuteranomaly

64.1829, 7.4400, -46.9384

Tritanomaly

63.9474, -4.3982, -20.9071

Monochromacy



Original Color

64.0872, 11.6488, -47.8317

Achromatopsia

64.2295, -3.4271, 3.4897

Achromatomaly

63.9580, 0.6729, -12.3765

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.0872, 11.6488, -47.8317 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(151, 166, 255)` looks like.

```
.text, #text, p{  
    color:rgb(151, 166, 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(151, 166, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 166, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 64.0872, 11.6488, -47.8317 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(151, 166, 255) }
```


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

```
.border{ border-color:rgb(151, 166, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 166, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 166, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 166, 255); box-shadow:4px 4px 4px 4px rgb(151, 166, 255) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.0872, 11.6488, -47.8317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 166, 255) }
```

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

```
.background{ background-color: rgb(151,  
166, 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