

# Converting Colors

HunterLab(63.8400, -12.4864,  
-48.7456)

Have a look what the booklet for  
HunterLab(63.8400, -12.4864,  
-48.7456) contains.

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# Color

**HunterLab(63.8272,  
-12.4506, -48.7704)**

# Conversions

## Conversions Part 1

Format	Color
Hex	29B5FF
RGB	41, 181, 255
RGB Percent	16%, 71%, 100%
CMY	0.8391, 0.2902, 0.0000
CMYK	0.84, 0.29, 0.00, 0.00
HSL	201°, 100%, 58%
HSV	201°, 84%, 100%
XYZ	35.4883, 40.7391, 100.6007
YIQ	147.5760, -107.1940, -6.6660

# Conversions

## Conversions Part 2

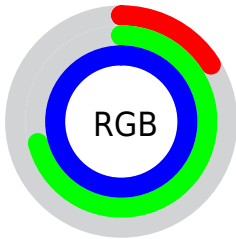
Format	Color
<a href="#">RYB</a>	<a href="#">41, 126, 255</a>
Decimal	<a href="#">2733567</a>
CIELab	<a href="#">69.99, -10.62, -46.53</a>
CIElCh	<a href="#">70, 47.726, 257.147</a>
Yxy	<a href="#">40.7404, 0.2007, 0.2304</a>
Android (android.graphics.Color)	<a href="#">4280923647</a> ( <a href="#">0xFF29B5FF</a> )
YUV	<a href="#">147.5760, 52.9600, -93.4672</a>
Hunter-Lab	<a href="#">63.8272, -12.4506, -48.7704</a>

# Details

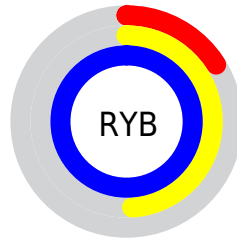
The HunterLab color **63.8272, -12.4506, -48.7704** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **58.0402, 45.3560, 34.4129**, and the grayscale version is **54.0754, -2.8853, 2.9380**.

A 20% lighter version of the original color is **84.8524, -29.6300, -14.3395**, and **44.1764, -4.9323, -44.5692** is the 20% darker color. If you saturate the color by 10%, you get **60.7461, -9.2099, -55.0697**, and if you desaturate by 10%, it is **67.1905, -14.7541, -42.3392**.

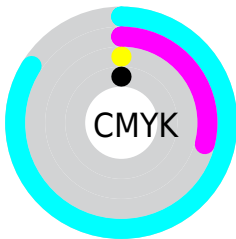
# Distribution



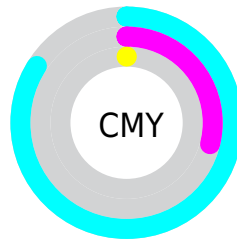
- Red (16%)
- Green (71%)
- Blue (100%)



- Red (16%)
- Yellow (49%)
- Blue (100%)



- Cyan (84%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (84%)
- Magenta (29%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.8272, -12.4506, -48.7704 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 63.8272, -12.4506, -48.7704 by changing the saturation by 10% instead.



63.8272, -12.4506,  
-48.7704

63.8272, -12.4506,  
-48.7704

186.8782,  
-23.1076, -54.2719

53.0248, -11.2989,  
-48.0669

87.3440, -14.7575,  
-50.2126

42.9108, -10.1429,  
-47.4413

99.9918, -15.9197,  
-50.9090

33.5368, -8.9743,  
-46.9906

113.1973,  
-17.0903, -51.5727

24.9666, -7.7806,  
-46.9160

126.9378,  
-18.2707, -52.1981

17.2843, -6.5406,  
-47.6793

141.1933,  
-19.4620, -52.7819

10.6075, -5.2290,  
-50.5594

155.9457,

0.0000, NaN, -NF

-20.6648, -53.3225

0.0000, NaN, -NF

171.1789,  
-21.8799, -53.8191

0.0000, NaN, -NF

■ 63.8272, -12.4506,  
-48.7704

■ 63.8272, -12.4506,  
-48.7704

■ 60.7461, -9.2099,  
-55.0697

■ 67.1905, -14.7541,  
-42.3392

■ 58.9828, -6.8779,  
-58.8759

■ 70.8360, -16.0949,  
-35.8200

■ 74.7568, -16.4984,  
-29.2579

■ 78.9398, -16.0201,  
-22.6960

■ 83.3690, -14.7311,  
-16.1691

■ 88.0275, -12.7079,  
-9.7024

■ 92.8988, -10.0267,  
-3.3124

■ 97.9669, -6.7592,  
2.9913

■ 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.



63.8282, -29.4397, -33.1221



63.8272, -12.4506, -48.7704



63.8282, 9.3974, -47.4427

# Triad

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



63.8282, -12.4502, -48.7684



63.8282, 41.6806, 14.1277



63.8282, -31.2710, 25.0448

# Complementary

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



63.8272, -12.4506, -48.7704



58.0402, 45.3560, 34.4129

# 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.



63.8282, -15.2793, 31.0009



63.8272, -12.4506, -48.7704



63.8282, 27.6040, 26.3031

# Square

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



63.8282, -12.4502, -48.7684



63.8282, 42.7060, -6.0262



63.8282, 6.1649, 31.3675



63.8282, -39.2855, 11.7072



# Rectangle

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



63.8272, -12.4506, -48.7704



63.8282, 23.8651, -37.0769



63.8282, 6.1649, 31.3675



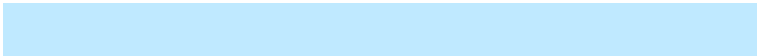
63.8282, -26.7554, 27.7496

# Sweetspot

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



63.8282, -12.4502, -48.7684



87.5103, -12.9612, -10.4022



85.5392, -67.0171, 40.8397



39.7212, -6.3498, -5.8613

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

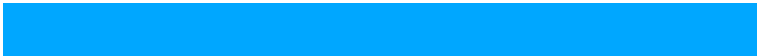


# Same Dimension

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



63.8282, -12.4502, -48.7684



58.9828, -6.8779, -58.8759



35.9942, 44.1142, -132.8871



44.0020, -4.0040, -0.2419



42.9745, -5.5106, -41.8186



14.1503, -2.8666, -11.4985



# Inverse Universe

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



51.1701, 86.1769, -17.6149



49.0339, 89.6478, -12.3139



85.0055, -7.9424, 50.7763



42.6467, 2.8437, 0.2351



35.4857, 64.9508, -9.4764

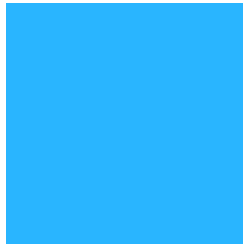


11.1655, 20.5994, -4.2439



# Previews

## White Background



This preview shows how the HunterLab color 63.8272, -12.4506, -48.7704 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

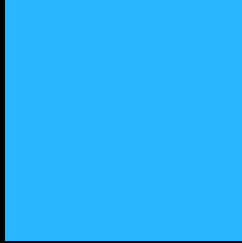
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 63.8272, -12.4506, -48.7704 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

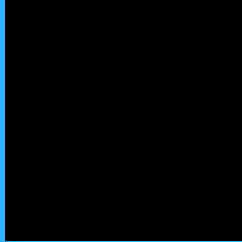
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

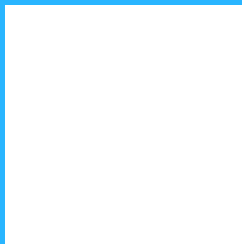
Any Text WCAG AAA ✓ Pass

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

## HunterLab 63.8272, -12.4506, -48.7704 Background



This preview shows how black text looks on a background with the HunterLab color 63.8272, -12.4506, -48.7704.



This preview shows how white text looks on a background with the HunterLab color 63.8272, -12.4506, -48.7704.

-12.4506, -48.7704.

# 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

63.8272, -12.4506, -48.7704

### Protanopia

63.3947, 6.8255, -40.8633

### Deuteranopia

63.4532, 5.1132, -49.2114



## Tritanopia

63.8020, -30.5839, -13.7252

# Trichromacy



## Original Color

63.8272, -12.4506, -48.7704

## Protanomaly

62.7759, -2.4916, -45.2369

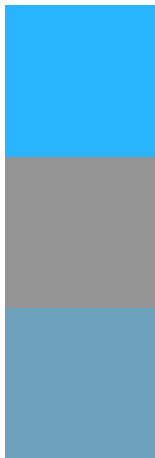
## Deuteranomaly

62.9671, -2.6868, -50.3300

## Tritanomaly

63.6343, -24.5686, -25.6082

# Monochromacy



## Original Color

63.8272, -12.4506, -48.7704

## Achromatopsia

54.4186, -2.9036, 2.9567

## Achromatomaly

56.5515, -11.0679, -14.6374

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 63.8272, -12.4506, -48.7704 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(41, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(41, 181, 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(41, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 181, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 63.8272, -12.4506, -48.7704 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(41, 181, 255) }
```



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

```
.border{ border-color:rgb(41, 181, 255) }
```

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

Here you see how a box with a 4 pixel rgb(41, 181, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(41, 181,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 63.8272, -12.4506, -48.7704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 181, 255) }
```

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

```
.background{ background-color: rgb(41, 181,  
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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