

# Converting Colors

HunterLab(59.2059, -12.3168,  
-31.1730)

Have a look what the booklet for  
HunterLab(59.2059, -12.3168,  
-31.1730) contains.

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# Color

**HunterLab(59.3261,  
-12.7072, -30.6430)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50A9DB
RGB	80, 169, 219
RGB Percent	31%, 66%, 86%
CMY	0.6862, 0.3372, 0.1412
CMYK	0.63, 0.23, 0.00, 0.14
HSL	202°, 66%, 59%
HSV	202°, 63%, 86%
XYZ	30.2824, 35.1959, 72.2152
YIQ	148.0890, -69.0940, -3.3180

# Conversions

## Conversions Part 2

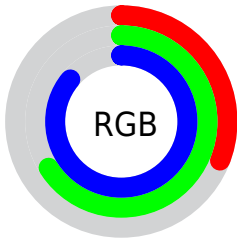
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 134, 219
Decimal	5286363
CIE <sub>Lab</sub>	65.90, -11.52, -33.21
CIE <sub>LCh</sub>	66, 35.149, 250.862
Yxy	35.1971, 0.2199, 0.2556
Android (android.graphics.Color)	4283476443 (0xFF50A9DB)
YUV	148.0890, 34.9591, -59.7141
Hunter-Lab	59.3261, -12.7072, -30.6430

# Details

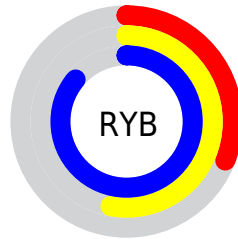
The HunterLab color **59.3261, -12.7072, -30.6430** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **56.2196, 24.3168, 27.0625**, and the grayscale version is **54.3395, -2.8994, 2.9524**.

A 20% lighter version of the original color is **81.3597, -20.1975, -19.1645**, and **39.2465, -9.2727, -29.0378** is the 20% darker color. If you saturate the color by 10%, you get **56.1699, -11.5286, -36.3315**, and if you desaturate by 10%, it is **62.7143, -13.1094, -24.9443**.

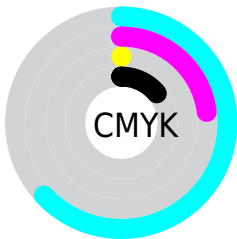
# Distribution



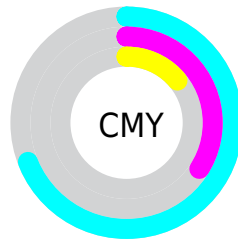
- Red (31%)
- Green (66%)
- Blue (86%)



- Red (31%)
- Yellow (53%)
- Blue (86%)



- Cyan (63%)
- Magenta (23%)
- Yellow (0%)
- Black (14%)



- Cyan (69%)
- Magenta (34%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.3261, -12.7072, -30.6430 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 59.3261, -12.7072, -30.6430 by changing the saturation by 10% instead.



■ 59.3261, -12.7072,  
-30.6430

■ 59.3261, -12.7072,  
-30.6430

180.3989,  
-23.6940, -33.8742

■ 48.8004, -11.5026,  
-30.0466

■ 82.3353, -15.1060,  
-31.7117

■ 38.9824, -10.2863,  
-29.4344

■ 94.7477, -16.3087,  
-32.1728

■ 29.9287, -9.0477,  
-28.8487

■ 107.7280,  
-17.5170, -32.5819

■ 21.7101, -7.7694,  
-28.3885

■ 121.2521,  
-18.7328, -32.9392

■ 14.4224, -6.4208,  
-28.3073

135.2992,  
-19.9575, -33.2457

■ 8.0831, -6.6438,  
-30.0252

149.8503,

0.0000, NaN, -NF

-21.1921, -33.5027

0.0000, NaN, -NF

164.8886,  
-22.4374, -33.7116

0.0000, NaN, NaN

■ 59.3261, -12.7072,  
-30.6430

■ 59.3261, -12.7072,  
-30.6430

■ 56.1699, -11.5286,  
-36.3315

■ 62.7143, -13.1094,  
-24.9443

■ 53.2509, -9.5461,  
-41.9731

■ 66.3190, -12.7863,  
-19.2737

■ 50.5707, -6.7718,  
-47.5307

■ 70.1270, -11.7994,  
-13.6565

■ 48.9241, -4.6316,  
-51.1525

■ 74.1238, -10.2133,  
-8.1107

■ 78.2952, -8.0914,  
-2.6470

■ 82.6280, -5.4930,  
2.7294

■ 87.1096, -2.4718,  
8.0180

■ 91.7072, 0.8507,  
13.1960

■ 94.1477, -3.3025,  
15.7503

# Harmonies

## Analogous

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



59.3272, -24.2372, -18.6945



59.3261, -12.7072, -30.6430



59.3272, 2.6039, -32.2838

# Triad

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



59.3272, -12.7070, -30.6418



59.3272, 29.3388, 8.3701



59.3272, -21.5850, 21.0428

# Complementary

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



59.3261, -12.7072, -30.6430



56.2196, 24.3168, 27.0625

# 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.



59.3272, -8.7288, 25.0103



59.3261, -12.7072, -30.6430



59.3272, 21.3241, 19.0589

# Square

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



59.3272, -12.7070, -30.6418



59.3272, 27.9901, -6.9329



59.3272, 7.0130, 24.3929



59.3272, -28.9842, 11.8613



# Rectangle

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



59.3261, -12.7072, -30.6430



59.3272, 13.0550, -26.9402



59.3272, 7.0130, 24.3929



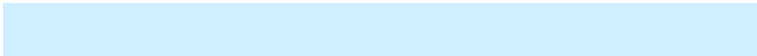
59.3272, -17.8170, 22.9076

# Sweetspot

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



59.3272, -12.7070, -30.6418



90.1779, -11.1234, -6.8300



73.4474, -49.3528, 27.7252



41.0646, -5.4657, -4.0292

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



59.3272, -12.7070, -30.6418



65.6021, -13.0517, -45.3096



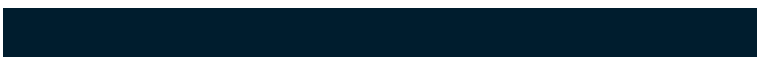
40.1246, 22.0243, -73.9194



37.4174, -3.3187, -0.2188



37.9564, -4.0240, -38.7555



10.4613, -2.2659, -8.1843



# Inverse Universe

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



48.6449, 58.8771, -14.7461



53.0413, 81.1864, -17.3785



74.8980, -9.7867, 39.9715



36.3197, 2.3231, 0.2919



31.7461, 57.9830, -7.5236



8.1803, 15.1170, -3.3036



# Previews

## White Background



This preview shows how the HunterLab color 59.3261, -12.7072, -30.6430 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

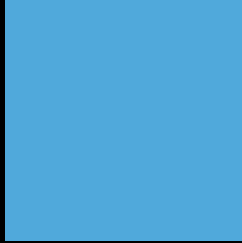
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 59.3261, -12.7072, -30.6430 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

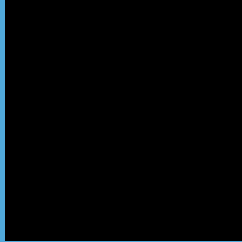
Any Text WCAG AA ✓ Pass

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 59.3261, -12.7072, -30.6430 Background



This preview shows how black text looks on a background with the HunterLab color 59.3261, -12.7072, -30.6430.



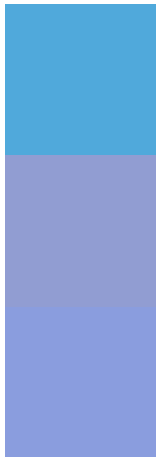
This preview shows how white text looks on a background with the HunterLab color 59.3261, -12.7072, -30.6430.

-12.7072, -30.6430.

# 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

59.3261, -12.7072, -30.6430

### Protanopia

58.9804, 3.8198, -24.8826

### Deuteranopia

58.9840, 4.8845, -33.0346



## Tritanopia

59.2200, -23.7550, -12.1259

# Trichromacy



## Original Color

59.3261, -12.7072, -30.6430

## Protanomaly

58.6164, -3.1817, -27.6108

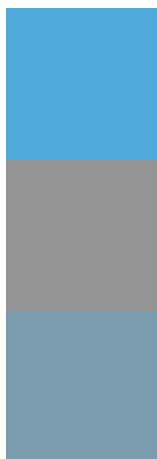
## Deuteranomaly

58.7300, -2.0779, -32.9061

## Tritanomaly

59.1416, -19.8832, -18.6860

# Monochromacy



## Original Color

59.3261, -12.7072, -30.6430

## Achromatopsia

54.4186, -2.9036, 2.9567

## Achromatomaly

55.7170, -8.7728, -8.4333

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 59.3261, -12.7072, -30.6430 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(80, 169, 219)` looks like.

```
.text, #text, p{  
    color:rgb(80, 169, 219)  
}
```

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(80, 169, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 169, 219) }
```

## Border

The CSS property to change the border of an element to HunterLab 59.3261, -12.7072, -30.6430 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(80, 169, 219) }
```



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

```
.border{ border-color:rgb(80, 169, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 169, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 169, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 169, 219);  
box-shadow:4px 4px 4px 4px rgb(80, 169,  
219) }
```

# Background

The CSS property to change the background color of an element to HunterLab 59.3261, -12.7072, -30.6430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 169, 219) }
```

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

```
.background{ background-color: rgb(80, 169,  
219) }
```

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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