

# Converting Colors

HunterLab(65.4077, -15.1635,  
-29.1994)

Have a look what the booklet for  
HunterLab(65.4077, -15.1635,  
-29.1994) contains.

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# Color

**HunterLab(65.4609,  
-15.2222, -29.0769)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DB9E8
RGB	93, 185, 232
RGB Percent	36%, 73%, 91%
CMY	0.6353, 0.2745, 0.0902
CMYK	0.60, 0.20, 0.00, 0.09
HSL	200°, 75%, 64%
HSV	200°, 60%, 91%
XYZ	36.4287, 42.8513, 82.6951
YIQ	162.8500, -69.9190, -4.8870

# Conversions

## Conversions Part 2

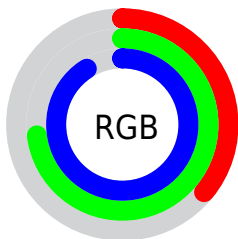
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 148, 232
Decimal	6142440
CIE <sub>Lab</sub>	71.45, -13.76, -31.69
CIE <sub>LCh</sub>	71, 34.551, 246.526
Yxy	42.8528, 0.2249, 0.2646
Android (android.graphics.Color)	4284332520 (0xFF5DB9E8)
YUV	162.8500, 34.0909, -61.2584
Hunter-Lab	65.4609, -15.2222, -29.0769

# Details

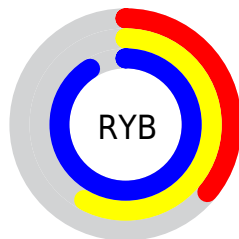
The HunterLab color **65.4609, -15.2222, -29.0769** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **60.5841, 25.4842, 27.6414**, and the grayscale version is **60.3441, -3.2198, 3.2786**.

A 20% lighter version of the original color is **87.7500, -25.7509, -10.3032**, and **44.3502, -12.6112, -27.8030** is the 20% darker color. If you saturate the color by 10%, you get **62.1514, -14.4738, -34.7860**, and if you desaturate by 10%, it is **69.0116, -15.1575, -23.3309**.

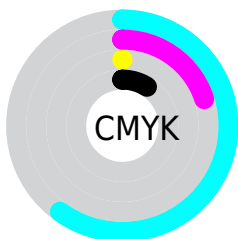
# Distribution



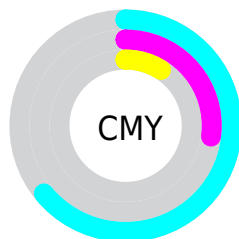
- Red (36%)
- Green (73%)
- Blue (91%)



- Red (36%)
- Yellow (58%)
- Blue (91%)



- Cyan (60%)
- Magenta (20%)
- Yellow (0%)
- Black (9%)



- Cyan (64%)
- Magenta (27%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.4609, -15.2222, -29.0769 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 65.4609, -15.2222, -29.0769 by changing the saturation by 10% instead.



■ 65.4609, -15.2222,  
-29.0769

■ 65.4609, -15.2222,  
-29.0769

189.2105,  
-27.1239, -31.7247

■ 54.5616, -13.8966,  
-28.5283

■ 89.1565, -17.8491,  
-30.0238

■ 44.3439, -12.5541,  
-27.9441

■ 101.8873,  
-19.1594, -30.4187

■ 34.8582, -11.1837,  
-27.3466

■ 115.1724,  
-20.4718, -30.7607

■ 26.1659, -9.7688,  
-26.7884

■ 128.9893,  
-21.7883, -31.0509

■ 18.3475, -8.2814,  
-26.3969

143.3185,  
-23.1106, -31.2907

■ 11.5145, -6.6688,  
-26.5290

158.1421,

■ 4.0134, -7.0235,

-24.4400, -31.4818

-44.6157

173.4443,  
-25.7774, -31.6259

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 65.4609, -15.2222,  
-29.0769

■ 65.4609, -15.2222,  
-29.0769

■ 62.1514, -14.4738,  
-34.7860

■ 69.0116, -15.1575,  
-23.3309

■ 59.0880, -12.8785,  
-40.4215

■ 72.7876, -14.3344,  
-17.5872

■ 56.2735, -10.4386,  
-45.9445

■ 76.7759, -12.8173,  
-11.8724

■ 53.6794, -7.2756,  
-51.3747


■ 80.9622, -10.6733,  
-6.2069

■ 53.6567, -7.2462,


■ 85.3322, -7.9680,

-51.4238

-0.6036

 89.8722, -4.7625,  
4.9297

 94.5288, -1.2535,  
10.3415

 96.9917, -5.3920,  
13.0027

 99.3007, -9.1805,  
15.4443

# Harmonies

## Analogous

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



65.4621, -26.2736, -16.1924



65.4609, -15.2222, -29.0769



65.4621, 0.0107, -32.3681

# Triad

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



65.4621, -15.2221, -29.0757



65.4621, 29.6909, 6.7798



65.4621, -20.6990, 22.8731

# Complementary

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



65.4609, -15.2222, -29.0769



60.5841, 25.4842, 27.6414

# 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.



65.4621, -6.9312, 26.3534



65.4609, -15.2222, -29.0769



65.4621, 22.8957, 18.6028

# Square

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



65.4621, -15.2221, -29.0757



65.4621, 26.9356, -9.0967



65.4621, 9.1176, 25.0014



65.4621, -29.2186, 14.1109



# Rectangle

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



65.4609, -15.2222, -29.0769



65.4621, 10.7081, -28.1221



65.4621, 9.1176, 25.0014



65.4621, -16.5843, 24.5908

# Sweetspot

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



65.4621, -15.2221, -29.0757



90.9968, -11.3785, -5.7702



78.6863, -51.3691, 29.0839



41.4535, -5.6340, -3.5182

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



65.4621, -15.2221, -29.0757



68.3219, -15.7634, -40.2774



45.4802, 19.8870, -71.1535



39.3350, -3.6010, -0.1595



40.2804, -5.8737, -37.6674



11.7010, -2.7411, -8.7079



# Inverse Universe

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



53.3750, 60.2671, -17.0426



54.4648, 78.8294, -19.9290



79.6660, -9.4261, 41.2163



38.1157, 2.5006, 0.1954



32.9175, 60.3561, -9.6113

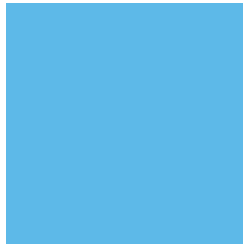


9.0437, 16.7491, -3.9347



# Previews

## White Background



This preview shows how the HunterLab color 65.4609, -15.2222, -29.0769 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

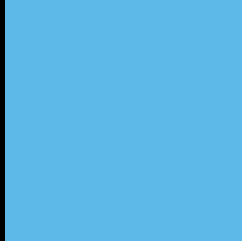
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 65.4609, -15.2222, -29.0769 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

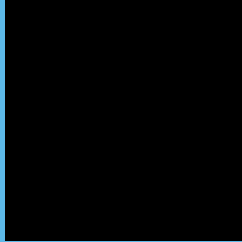
Any Text WCAG AA ✓ Pass

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 65.4609, -15.2222, -29.0769 Background



This preview shows how black text looks on a background with the HunterLab color 65.4609, -15.2222, -29.0769.



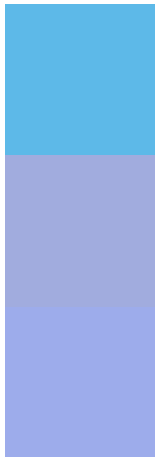
This preview shows how white text looks on a background with the HunterLab color 65.4609, -15.2222, -29.0769.

-15.2222, -29.0769.

# 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

65.4609, -15.2222, -29.0769

### Protanopia

65.0815, 3.0437, -22.8013

### Deuteranopia

65.3233, 4.9676, -30.9991



## Tritanopia

65.5622, -25.3610, -12.2769

# Trichromacy



**Original Color**

65.4609, -15.2222, -29.0769

**Protanomaly**

64.9381, -4.7821, -25.7626

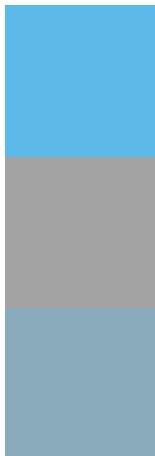
**Deuteranomaly**

65.1561, -3.3307, -30.7432

**Tritanomaly**

65.4248, -21.7433, -18.3278

# Monochromacy



**Original Color**

65.4609, -15.2222, -29.0769

**Achromatopsia**

60.5188, -3.2291, 3.2881

**Achromatomaly**

61.7737, -9.5080, -7.7658

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 65.4609, -15.2222, -29.0769 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(93, 185, 232)` looks like.

```
.text, #text, p{  
    color:rgb(93, 185, 232)  
}
```

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(93, 185, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 185, 232) }
```

## Border

The CSS property to change the border of an element to HunterLab 65.4609, -15.2222, -29.0769 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(93, 185, 232) }
```



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

```
.border{ border-color:rgb(93, 185, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 185, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 185, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 185, 232);  
box-shadow:4px 4px 4px 4px rgb(93, 185,  
232) }
```

# Background

The CSS property to change the background color of an element to HunterLab 65.4609, -15.2222, -29.0769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 185, 232) }
```

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

```
.background{ background-color: rgb(93, 185,  
232) }
```

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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