

# Converting Colors

HunterLab(59.7519, -7.4032,  
-36.8975)

Have a look what the booklet for  
HunterLab(59.7519, -7.4032,  
-36.8975) contains.

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# Color

**HunterLab(59.6839, -7.3198,  
-36.9906)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DA7E5
RGB	93, 167, 229
RGB Percent	36%, 65%, 90%
CMY	0.6353, 0.3451, 0.1020
CMYK	0.59, 0.27, 0.00, 0.10
HSL	207°, 72%, 63%
HSV	207°, 59%, 90%
XYZ	32.4757, 35.6217, 79.2926
YIQ	151.9420, -64.0060, 3.5940

# Conversions

## Conversions Part 2

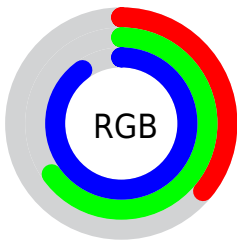
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 141, 229
Decimal	6137829
CIE <sub>Lab</sub>	66.23, -4.89, -38.16
CIE <sub>LCh</sub>	66, 38.472, 262.701
Yxy	35.6229, 0.2203, 0.2417
Android (android.graphics.Color)	4284327909 (0xFF5DA7E5)
YUV	151.9420, 37.9896, -51.6921
Hunter-Lab	59.6839, -7.3198, -36.9906

# Details

The HunterLab color **59.6839, -7.3198, -36.9906** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **63.9478, 16.5258, 30.0905**, and the grayscale version is **55.8822, -2.9817, 3.0362**.

A 20% lighter version of the original color is **81.3848, -16.7303, -19.0671**, and **39.1877, -5.6048, -35.7665** is the 20% darker color. If you saturate the color by 10%, you get **55.6141, -5.3387, -44.8533**, and if you desaturate by 10%, it is **64.0180, -8.4673, -29.3552**.

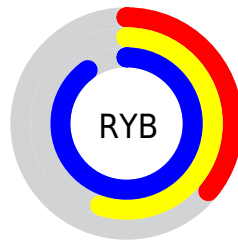
# Distribution



Red (36%)

Green (65%)

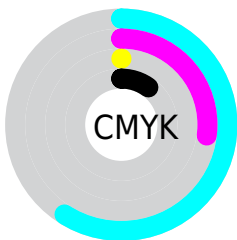
Blue (90%)



Red (36%)

Yellow (55%)

Blue (90%)

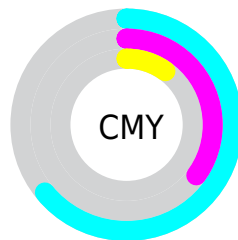


Cyan (59%)

Magenta (27%)

Yellow (0%)

Black (10%)



Cyan (64%)

Magenta (35%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.6839, -7.3198, -36.9906 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 59.6839, -7.3198, -36.9906 by changing the saturation by 10% instead.



■ 59.6839, -7.3198,  
-36.9906

■ 59.6839, -7.3198,  
-36.9906

180.9170,  
-15.6860, -41.2136

■ 49.1357, -6.4893,  
-36.3327

■ 82.7343, -9.0383,  
-38.2395

■ 39.2935, -5.6771,  
-35.6945

■ 95.1659, -9.9277,  
-38.8067

■ 30.2136, -4.8805,  
-35.1431

■ 108.1643,  
-10.8374, -39.3279

■ 21.9663, -4.0955,  
-34.8276

■ 121.7060,  
-11.7674, -39.8010

■ 14.6460, -3.3138,  
-35.1190

135.7699,  
-12.7173, -40.2255

■ 8.3054, -3.0081,  
-37.6673

150.3373,

0.0000, NaN, -NF

-13.6873, -40.6019

0.0000, NaN, -NF

165.3914,  
-14.6769, -40.9309

0.0000, NaN, NaN

■ 59.6839, -7.3198,  
-36.9906

■ 59.6839, -7.3198,  
-36.9906

■ 55.6141, -5.3387,  
-44.8533

■ 64.0180, -8.4673,  
-29.3552

■ 51.8285, -2.4544,  
-52.9079

■ 68.5899, -8.8662,  
-21.9689

■ 48.3467, 1.3686,  
-61.0935

■ 73.3782, -8.6020,  
-14.8322

■ 45.1607, 6.0470,  
-69.3883

■ 78.3626, -7.7558,  
-7.9361

■ 44.9706, 6.3474,  
-69.9116

■ 83.5251, -6.4006,  
-1.2647

■ 88.8495, -4.6008,  
5.2010

■ 94.3219, -2.4117,  
11.4814

■ 97.7821, -7.3157,  
15.1766

■ 99.2155, -9.6506,  
16.6684

# Harmonies

## Analogous

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



59.6850, -21.8835, -27.4766



59.6839, -7.3198, -36.9906



59.6850, 10.0778, -33.5365

# Triad

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



59.6850, -7.3196, -36.9893



59.6850, 30.3789, 14.1305



59.6850, -27.2181, 19.3021

# Complementary

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



59.6839, -7.3198, -36.9906



63.9478, 16.5258, 30.0905

# 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.



59.6850, -15.3874, 25.5462



59.6839, -7.3198, -36.9906



59.6850, 18.1364, 23.2020

# Square

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



59.6850, -7.3196, -36.9893



59.6850, 33.1661, -0.8753



59.6850, 1.0595, 26.7385



59.6850, -32.4992, 7.0981



# Rectangle

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



59.6839, -7.3198, -36.9906



59.6850, 20.8603, -24.7053



59.6850, 1.0595, 26.7385



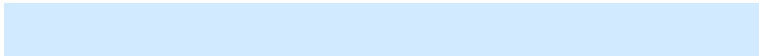
59.6850, -23.9438, 22.0090

# Sweetspot

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



59.6850, -7.3196, -36.9893



89.2625, -8.5964, -7.9878



77.9144, -48.4128, 23.8309



40.5208, -4.1458, -4.7335

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



59.6850, -7.3196, -36.9893



61.9310, -5.4530, -52.5071



41.3062, 27.9553, -80.4614



38.9617, -2.9923, -0.6120



34.3607, 4.1411, -51.8874



10.2844, -0.5220, -11.7279



# Inverse Universe

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



52.2285, 56.2557, -8.3355



53.9881, 74.7236, -8.5423



83.5452, -17.0183, 43.8317



38.0769, 2.2929, 0.7461



32.2329, 57.8845, 0.0172



8.8682, 16.1190, -1.4935



# Previews

## White Background



This preview shows how the HunterLab color 59.6839, -7.3198, -36.9906 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

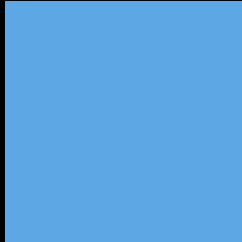
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 59.6839, -7.3198, -36.9906 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

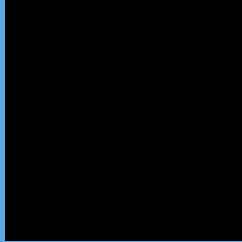
Any Text WCAG AA ✓ Pass

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 59.6839, -7.3198, -36.9906 Background



This preview shows how black text looks on a background with the HunterLab color 59.6839, -7.3198, -36.9906.



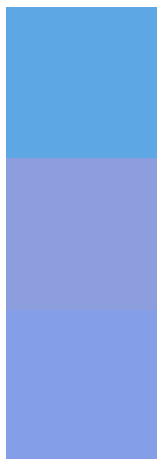
This preview shows how white text looks on a background with the HunterLab color 59.6839, -7.3198, -36.9906.



# 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

59.6839, -7.3198, -36.9906

### Protanopia

59.4898, 5.1001, -32.1285

### Deuteranopia

59.5578, 4.6810, -38.4802



## Tritanopia

59.8581, -22.9930, -11.2054

# Trichromacy



## Original Color

59.6839, -7.3198, -36.9906

## Protanomaly

59.3389, 0.3820, -34.6044

## Deuteranomaly

59.5024, -0.1101, -37.9325

## Tritanomaly

59.7148, -17.4213, -20.2294

# Monochromacy



## Original Color

59.6839, -7.3198, -36.9906

## Achromatopsia

56.0347, -2.9899, 3.0445

## Achromatomaly

56.7755, -6.1220, -10.2148

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 59.6839, -7.3198, -36.9906 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, 167, 229)` looks like.

```
.text, #text, p{  
    color:rgb(93, 167, 229)  
}
```

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, 167, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 167, 229) }
```

## Border

The CSS property to change the border of an element to HunterLab 59.6839, -7.3198, -36.9906 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, 167, 229) }
```



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

```
.border{ border-color:rgb(93, 167, 229) }
```

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

Here you see how a box with a 4 pixel rgb(93, 167, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 167, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 167, 229);  
box-shadow:4px 4px 4px 4px rgb(93, 167,  
229) }
```

# Background

The CSS property to change the background color of an element to HunterLab 59.6839, -7.3198, -36.9906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 167, 229) }
```

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

```
.background{ background-color: rgb(93, 167,  
229) }
```

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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