

Converting Colors

HunterLab(51.7976, 4.7976,
-37.0463)

Have a look what the booklet for
HunterLab(51.7976, 4.7976,
-37.0463) contains.

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Color

**HunterLab(51.8366, 4.6601,
-36.9720)**

Conversions

Conversions Part 1

Format	Color
Hex	718CD1
RGB	113, 140, 209
RGB Percent	44%, 55%, 82%
CMY	0.5568, 0.4510, 0.1804
CMYK	0.46, 0.33, 0.00, 0.18
HSL	223°, 51%, 63%
HSV	223°, 46%, 82%
XYZ	27.6968, 26.8703, 64.0483
YIQ	139.7930, -38.2410, 15.7350

Conversions

Conversions Part 2

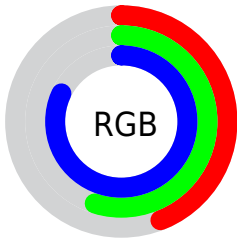
Format	Color
R _Y B	113, 134, 209
Decimal	7441617
CIE Lab	58.86, 8.84, -38.52
CIE LCh	59, 39.518, 282.927
Yxy	26.8713, 0.2335, 0.2265
Android (android.graphics.Color)	4285631697 (0xFF718CD1)
YUV	139.7930, 34.1191, -23.4975
Hunter-Lab	51.8366, 4.6601, -36.9720

Details

The HunterLab color $51.8366, 4.6601, -36.9720$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $69.4297, -3.2279, 29.3835$, and the grayscale version is $51.0081, -2.7217, 2.7714$.

A 20% lighter version of the original color is $73.3450, 1.8058, -31.2517$, and $32.4273, 4.7733, -35.8324$ is the 20% darker color. If you saturate the color by 10%, you get $46.4181, 8.2293, -48.3031$, and if you desaturate by 10%, it is $57.5454, 1.8144, -26.6599$.

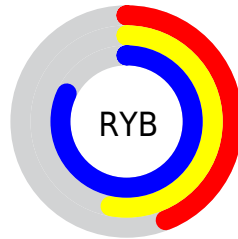
Distribution



Red (44%)

Green (55%)

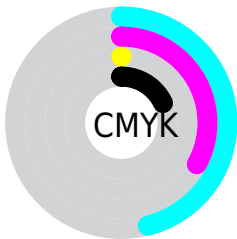
Blue (82%)



Red (44%)

Yellow (53%)

Blue (82%)

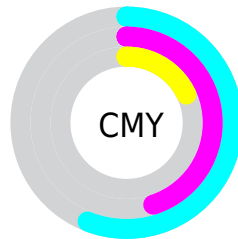


Cyan (46%)

Magenta (33%)

Yellow (0%)

Black (18%)



Cyan (56%)

Magenta (45%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8366, 4.6601, -36.9720 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 51.8366, 4.6601, -36.9720 by changing the saturation by 10% instead.

■ 51.8366, 4.6601,
-36.9720

■ 51.8366, 4.6601,
-36.9720

169.4206, 1.8130,
-41.5387

■ 41.8050, 4.7109,
-36.3220

■ 73.9441, 4.3653,
-38.2690

■ 32.5190, 4.6857,
-35.7413

■ 85.9403, 4.1340,
-38.8740

■ 24.0453, 4.5714,
-35.3527

■ 98.5231, 3.8530,
-39.4366

■ 16.4707, 4.3491,
-35.4514

111.6663, 3.5261,
-39.9530

■ 9.9182, 3.9890,
-36.8911

125.3469, 3.1562,
-40.4213

0.0000, INF, -NF

0.0000, NaN, -NF

139.5447, 2.7459,

-40.8414

0.0000, NaN, -NF

154.2414, 2.2975,
-41.2135

0.0000, NaN, NaN

■ 51.8366, 4.6601,
-36.9720

■ 51.8366, 4.6601,
-36.9720

■ 46.4181, 8.2293,
-48.3031

■ 57.5454, 1.8144,
-26.6599

■ 41.3444, 12.6725,
-60.8070

■ 63.4977, -0.4408,
-17.2055

■ 36.6909, 18.1334,
-74.5503

■ 69.6605, -2.2154,
-8.4561

■ 32.5504, 24.6864,
-89.3861

■ 76.0073, -3.5973,
-0.2823

■ 29.0284, 32.2090,
-104.7557

■ 82.5174, -4.6563,
7.4229

■ 27.7647, 35.3838,
-111.0869

■ 89.1738, -5.4473,
14.7461

■ 95.5320, -7.5213,
21.2970

■ 98.6831, -12.5990,
24.3452

Harmonies

Analogous

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



51.8375, -11.9192, -36.0044



51.8366, 4.6601, -36.9720



51.8375, 21.1266, -25.1111

Triad

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



51.8375, 4.6601, -36.9708



51.8375, 23.0787, 19.6952



51.8375, -30.1839, 11.0599

Complementary

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



51.8366, 4.6601, -36.9720



69.4297, -3.2279, 29.3835

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.



51.8375, -22.9923, 20.6611



51.8366, 4.6601, -36.9720



51.8375, 7.0642, 24.4452

Square

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



51.8375, 4.6601, -36.9708



51.8375, 32.6368, 9.2380



51.8375, -9.8014, 24.7309



51.8375, -30.6545, -4.5368

Rectangle

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



51.8366, 4.6601, -36.9720



51.8375, 29.2575, -13.2096



51.8375, -9.8014, 24.7309



51.8375, -28.5188, 14.9534

Sweetspot

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



51.8375, 4.6601, -36.9708



88.6305, -3.1139, -8.7293



72.4441, -33.0620, 7.9286



40.2116, -1.2460, -5.1012

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.8375, 4.6601, -36.9708



58.3294, 10.1568, -60.0458



46.3324, 23.7650, -48.2264



34.5707, -1.4791, -1.4370



22.1316, 26.8070, -85.5312



6.3960, 3.3736, -15.2771

Inverse Universe

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



52.2113, 34.9008, 4.6076



59.8365, 53.9621, 7.4391



75.8358, -23.0969, 34.1101



34.4414, 1.6270, 1.7677



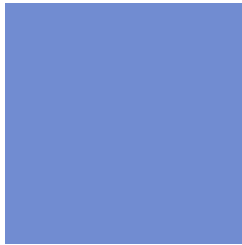
29.2673, 50.8315, 13.4047



7.0185, 12.3795, 1.7435

Previews

White Background



This preview shows how the HunterLab color 51.8366, 4.6601, -36.9720 looks on a white background.

Color Contrast Check

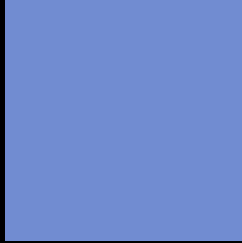
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.8366, 4.6601, -36.9720 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 × Fail

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

HunterLab 51.8366, 4.6601, -36.9720 Background



This preview shows how black text looks on a background with the HunterLab color 51.8366, 4.6601, -36.9720.



This preview shows how white text looks on a background with the HunterLab color 51.8366, 4.6601, -36.9720.

-36.9720.

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

51.8366, 4.6601, -36.9720

Protanopia

51.8371, 6.0089, -36.2072

Deuteranopia

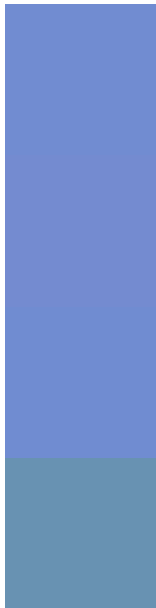
51.7729, 4.4476, -37.0998



Tritanopia

51.6921, -13.3663, -7.0558

Trichromacy



Original Color

51.8366, 4.6601, -36.9720

Protanomaly

51.7033, 5.5656, -36.4741

Deuteranomaly

51.7729, 4.4476, -37.0998

Tritanomaly

51.6867, -7.4860, -16.5973

Monochromacy



Original Color

51.8366, 4.6601, -36.9720

Achromatopsia

51.2104, -2.7325, 2.7824

Achromatomaly

51.2041, -1.1468, -9.6870

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8366, 4.6601, -36.9720 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(113, 140, 209)` looks like.

```
.text, #text, p{  
    color:rgb(113, 140, 209)  
}
```

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(113, 140, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 140, 209) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8366, 4.6601, -36.9720 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(113, 140, 209) }
```


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

```
.border{ border-color:rgb(113, 140, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 140, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 140, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 140, 209);  
box-shadow:4px 4px 4px 4px rgb(113, 140,  
209) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8366, 4.6601, -36.9720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 140, 209) }
```

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

```
.background{ background-color: rgb(113,  
140, 209) }
```

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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