

Converting Colors

HunterLab(60.5581, -0.9701,
-36.7195)

Have a look what the booklet for
HunterLab(60.5581, -0.9701,
-36.7195) contains.

HunterLab(60.5581, -0.9701, -36.7195)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(60.5581, -0.9701,
-36.7195)**

Conversions

Conversions Part 1

Format	Color
Hex	78A5E7
RGB	120, 165, 231
RGB Percent	47%, 65%, 91%
CMY	0.5294, 0.3529, 0.0941
CMYK	0.48, 0.29, 0.00, 0.09
HSL	216°, 70%, 69%
HSV	216°, 48%, 91%
XYZ	35.6246, 36.6728, 80.8022
YIQ	159.0690, -48.0060, 10.9860

Conversions

Conversions Part 2

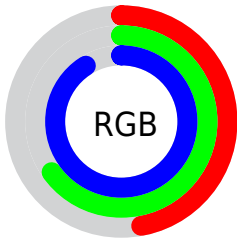
Format	Color
R_{YB}	120, 152, 231
Decimal	7906791
CIE _{Lab}	67.03, 2.61, -37.91
CIE _{LCh}	67, 38.004, 273.938
Yxy	36.6742, 0.2327, 0.2395
Android (android.graphics.Color)	4286096871 (0xFF78A5E7)
YUV	159.0690, 35.4620, -34.2635
Hunter-Lab	60.5581, -0.9701, -36.7195

Details

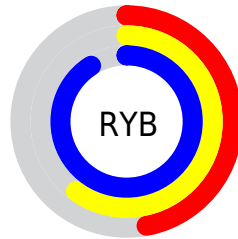
The HunterLab color $60.5581, -0.9701, -36.7195$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $73.1194, 3.6354, 30.7097$, and the grayscale version is $58.7848, -3.1366, 3.1939$.

A 20% lighter version of the original color is $82.3125, -10.0846, -17.6022$, and $39.9118, 0.0555, -35.6546$ is the 20% darker color. If you saturate the color by 10%, you get $55.2495, 1.7017, -47.0566$, and if you desaturate by 10%, it is $66.1467, -2.8563, -27.0559$.

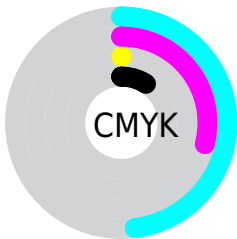
Distribution



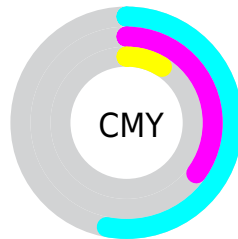
- Red (47%)
- Green (65%)
- Blue (91%)



- Red (47%)
- Yellow (60%)
- Blue (91%)



- Cyan (48%)
- Magenta (29%)
- Yellow (0%)
- Black (9%)



- Cyan (53%)
- Magenta (35%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.5581, -0.9701, -36.7195 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 60.5581, -0.9701, -36.7195 by changing the saturation by 10% instead.

■ 60.5581, -0.9701,
-36.7195

■ 60.5581, -0.9701,
-36.7195

182.1806, -6.4740,
-40.8638

■ 49.9553, -0.5424,
-36.0642

■ 83.7086, -1.9521,
-37.9551

■ 40.0547, -0.1619,
-35.4231

■ 96.1865, -2.5005,
-38.5137

■ 30.9114, 0.1661,
-34.8579

■ 109.2294, -3.0842,
-39.0258

■ 22.5943, 0.4344,
-34.5053

122.8136, -3.7012,
-39.4894

■ 15.1954, 0.6324,
-34.7016

136.9185, -4.3500,
-39.9044

■ 8.8231, 0.8178,
-36.6021

151.5255, -5.0292,

0.0000, NaN, -NF

-40.2712

0.0000, NaN, -NF

166.6179, -5.7376,
-40.5906

0.0000, NaN, NaN

■ 60.5581, -0.9701,
-36.7195

■ 60.5581, -0.9701,
-36.7195

■ 55.2495, 1.7017,
-47.0566

■ 66.1467, -2.8563,
-27.0559

■ 50.2599, 5.2887,
-58.1227

■ 71.9765, -4.0766,
-17.9962

■ 45.6400, 9.9140,
-69.9163

■ 78.0196, -4.7347,
-9.4603

■ 41.4439, 15.6579,
-82.3452

■ 84.2520, -4.9180,
-1.3732

■ 37.7146, 22.4715,
-95.2184

■ 90.6538, -4.6983,
6.3325

■ 37.0302, 23.8697,
-97.8123

■ 96.8530, -5.3706,
13.3055

■ 99.2721, -9.3380,
15.8545

Harmonies

Analogous

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



60.5592, -16.9538, -31.8735



60.5581, -0.9701, -36.7195



60.5592, 16.1435, -28.6415

Triad

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



60.5592, -0.9701, -36.7182



60.5592, 26.3823, 18.2302



60.5592, -29.9213, 15.4420

Complementary

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



60.5581, -0.9701, -36.7195



73.1194, 3.6354, 30.7097

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.



60.5592, -20.4459, 23.8561



60.5581, -0.9701, -36.7195



60.5592, 11.8264, 25.1262

Square

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



60.5592, -0.9701, -36.7182



60.5592, 32.9997, 5.3961



60.5592, -5.4661, 26.8581



60.5592, -32.5505, 1.1187

Rectangle

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



60.5581, -0.9701, -36.7195



60.5592, 25.5603, -18.0450



60.5592, -5.4661, 26.8581



60.5592, -27.4869, 18.9095

Sweetspot

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



60.5592, -0.9701, -36.7182



90.0239, -5.4368, -6.9319



80.3978, -40.6681, 15.0812



40.9536, -2.4845, -4.1246

0.0000, NaN, NaN



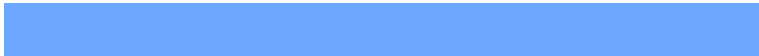
46.2646, -2.4686, 2.5136

Same Dimension

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



60.5592, -0.9701, -36.7182



61.6529, 1.9958, -52.9566



48.8782, 24.8720, -61.1523



38.5248, -2.2727, -1.1472



28.1360, 16.9136, -71.6791



8.7378, 2.2728, -15.8279

Inverse Universe

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



57.5673, 43.3294, -0.4326



58.8119, 59.4222, 0.3950



86.0226, -21.8568, 40.3757



38.0320, 2.0519, 1.3855



31.6178, 55.6413, 8.8432



8.6992, 15.5062, 0.9033

Previews

White Background



This preview shows how the HunterLab color 60.5581, -0.9701, -36.7195 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 60.5581, -0.9701, -36.7195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

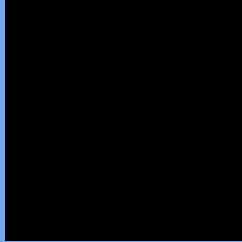
Any Text WCAG AA ✓ Pass

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 60.5581, -0.9701, -36.7195 Background



This preview shows how black text looks on a background with the HunterLab color 60.5581, -0.9701, -36.7195.



This preview shows how white text looks on a background with the HunterLab color 60.5581, -0.9701, -36.7195.

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

60.5581, -0.9701, -36.7195

Protanopia

60.3643, 5.5217, -34.0869

Deuteranopia

60.4567, 4.8132, -37.5332



Tritanopia

60.4986, -17.4271, -9.1006

Trichromacy



Original Color

60.5581, -0.9701, -36.7195

Protanomaly

60.4239, 2.8386, -34.7389

Deuteranomaly

60.3429, 2.9375, -37.7774

Tritanomaly

60.4202, -11.6810, -18.4169

Monochromacy



Original Color

60.5581, -0.9701, -36.7195

Achromatopsia

58.8816, -3.1418, 3.1991

Achromatomaly

59.1712, -3.4597, -9.5907

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.5581, -0.9701, -36.7195 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(120, 165, 231)` looks like.

```
.text, #text, p{  
    color:rgb(120, 165, 231)  
}
```

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(120, 165, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 165, 231) }
```

Border

The CSS property to change the border of an element to HunterLab 60.5581, -0.9701, -36.7195 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(120, 165, 231) }
```


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

```
.border{ border-color:rgb(120, 165, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 165, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 165, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 165, 231);  
box-shadow:4px 4px 4px 4px rgb(120, 165,  
231) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.5581, -0.9701, -36.7195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 165, 231) }
```

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

```
.background{ background-color: rgb(120,  
165, 231) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor