

Converting Colors

HunterLab(37.0962, 16.9948,
-49.3399)

Have a look what the booklet for
HunterLab(37.0962, 16.9948,
-49.3399) contains.

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Color

**HunterLab(37.0003, 17.1118,
-49.5665)**

Conversions

Conversions Part 1

Format	Color
Hex	5B5EB8
RGB	91, 94, 184
RGB Percent	36%, 37%, 72%
CMY	0.6431, 0.6314, 0.2784
CMYK	0.51, 0.49, 0.00, 0.28
HSL	238°, 40%, 54%
HSV	238°, 51%, 72%
XYZ	16.9688, 13.6902, 47.0955
YIQ	103.3630, -30.6780, 27.3540

Conversions

Conversions Part 2

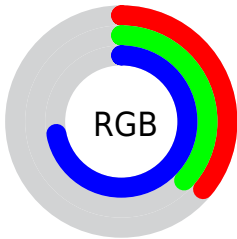
Format	Color
RYB	91, 94, 184
Decimal	5988024
CIELab	43.79, 23.85, -48.17
CIElCh	44, 53.752, 296.335
Yxy	13.6907, 0.2182, 0.1761
Android (android.graphics.Color)	4284178104 (0xFF5B5EB8)
YUV	103.3630, 39.7540, -10.8424
Hunter-Lab	37.0003, 17.1118, -49.5665

Details

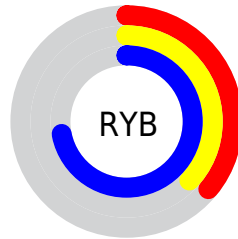
The HunterLab color $37.0003, 17.1118, -49.5665$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $66.3288, -13.3265, 31.7901$, and the grayscale version is $36.8292, -1.9651, 2.0010$.

A 20% lighter version of the original color is $57.0092, 18.8487, -51.0898$, and $20.0422, 15.2575, -49.8585$ is the 20% darker color. If you saturate the color by 10%, you get $31.7134, 23.1172, -64.8335$, and if you desaturate by 10%, it is $42.7594, 11.9231, -36.3219$.

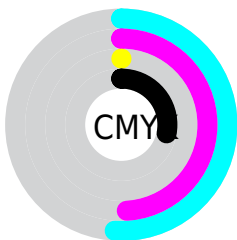
Distribution



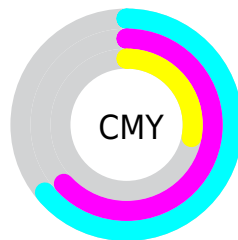
- Red (36%)
- Green (37%)
- Blue (72%)



- Red (36%)
- Yellow (37%)
- Blue (72%)



- Cyan (51%)
- Magenta (49%)
- Yellow (0%)
- Black (28%)



- Cyan (64%)
- Magenta (63%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.0003, 17.1118, -49.5665 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 37.0003, 17.1118, -49.5665 by changing the saturation by 10% instead.

■ 37.0003, 17.1118,
-49.5665

■ 37.0003, 17.1118,
-49.5665

146.7303, 20.7771,
-55.5251

■ 28.1173, 16.2329,
-49.3904

■ 57.0431, 18.5124,
-50.7130

■ 20.0867, 15.2111,
-49.9039

■ 68.0967, 19.0611,
-51.4308

■ 13.0116, 14.0311,
-52.0378

■ 79.7843, 19.5231,
-52.1689

■ 6.4741, 15.9176,
-64.9188

■ 92.0733, 19.9066,
-52.9003

0.0000, NaN, -NF

0.0000, NaN, -NF

104.9354, 20.2185,
-53.6093

0.0000, NaN, -NF

118.3463, 20.4644,

0.0000, NaN, NaN

-54.2864

0.0000, NaN, NaN

132.2844, 20.6492,
-54.9261

■ 37.0003, 17.1118,
-49.5665

■ 37.0003, 17.1118,
-49.5665

■ 31.7134, 23.1172,
-64.8335

■ 42.7594, 11.9231,
-36.3219

■ 27.0479, 29.9893,
-82.2117

■ 48.8854, 7.4005,
-24.7467

■ 23.2147, 37.4262,
-100.8572

■ 55.3078, 3.3953,
-14.4729

■ 20.4632, 44.3720,
-118.0037

■ 61.9765, -0.2144,
-5.1961

■ 18.9458, 48.9650,
-129.3820

■ 68.8554, -3.5222,
3.3187

■ 75.9176, -6.5985,
11.2490

■ 83.1426, -9.4960,
18.7279

■ 90.5142, -12.2542,
25.8556

■ 97.8635, -15.4618,
32.5588

Harmonies

Analogous

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



37.0009, -4.4540, -58.0505



37.0003, 17.1118, -49.5665



37.0009, 36.7223, -25.2654

Triad

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



37.0009, 17.1122, -49.5654



37.0009, 22.4143, 21.5697



37.0009, -33.5841, 4.3241

Complementary

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



37.0003, 17.1118, -49.5665



66.3288, -13.3265, 31.7901

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.



37.0009, -29.3231, 17.3177



37.0003, 17.1118, -49.5665



37.0009, 0.5685, 23.2656

Square

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



37.0009, 17.1122, -49.5654



37.0009, 40.2204, 15.0521



37.0009, -17.8397, 22.2908



37.0009, -31.0105, -18.6935

Rectangle

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



37.0003, 17.1118, -49.5665



37.0009, 44.4531, -7.9463



37.0009, -17.8397, 22.2908



37.0009, -32.9328, 9.7992

Sweetspot

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



37.0009, 17.1122, -49.5654



79.1779, 1.9428, -12.7334



63.1171, -26.2186, -2.5817



35.8928, 1.3770, -7.1326



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



37.0009, 17.1122, -49.5654



41.7106, 32.4222, -90.5811



40.0563, 29.2264, -41.9279



29.6051, -0.2958, -1.9487



15.7921, 40.3761, -106.8992



3.2203, 6.5597, -18.1856

Inverse Universe

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



42.9901, 30.7674, 12.4238



52.2227, 52.1826, 19.9190



63.7687, -27.7708, 29.6045



30.0280, 1.0465, 2.3965



26.5219, 45.4609, 16.8167



4.9956, 8.5948, 2.9207

Previews

White Background



This preview shows how the HunterLab color 37.0003, 17.1118, -49.5665 looks on a white background.

Color Contrast Check

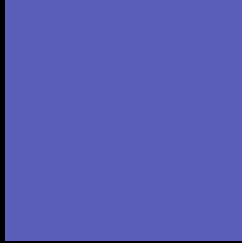
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 37.0003, 17.1118, -49.5665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

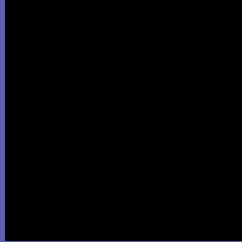
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 37.0003, 17.1118, -49.5665 Background



This preview shows how black text looks on a background with the HunterLab color 37.0003, 17.1118, -49.5665.



This preview shows how white text looks on a background with the HunterLab color 37.0003, 17.1118, -49.5665.

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

37.0003, 17.1118, -49.5665

Protanopia

37.0161, 10.1534, -55.0420

Deuteranopia

37.1677, 2.7666, -46.7848



Tritanopia

37.0971, -10.2026, -4.7126

Trichromacy



Original Color

37.0003, 17.1118, -49.5665

Protanomaly

36.9207, 12.2554, -53.4376

Deuteranomaly

36.7770, 7.1239, -48.5606

Tritanomaly

36.7060, -1.1402, -18.7385

Monochromacy



Original Color

37.0003, 17.1118, -49.5665

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.6510, 3.3998, -12.6702

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.0003, 17.1118, -49.5665 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(91, 94, 184)` looks like.

```
.text, #text, p{  
    color:rgb(91, 94, 184)  
}
```

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(91, 94, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 94, 184) }
```

Border

The CSS property to change the border of an element to HunterLab 37.0003, 17.1118, -49.5665 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(91, 94, 184) }
```


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

```
.border{ border-color:rgb(91, 94, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 94, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 94, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 94, 184);  
box-shadow:4px 4px 4px 4px rgb(91, 94,  
184) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.0003, 17.1118, -49.5665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 94, 184) }
```

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

```
.background{ background-color: rgb(91, 94,  
184) }
```

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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