

Converting Colors

HunterLab(58.0460, -36.8673,
23.0922)

Have a look what the booklet for
HunterLab(58.0460, -36.8673,
23.0922) contains.

HunterLab(57.9774, -36.8000, 23.0095)	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(57.9774,
-36.8000, 23.0095)**

Conversions

Conversions Part 1

Format	Color
Hex	4FB063
RGB	79, 176, 99
RGB Percent	31%, 69%, 39%
CMY	0.6902, 0.3098, 0.6118
CMYK	0.55, 0.00, 0.44, 0.31
HSL	132°, 38%, 50%
HSV	132°, 55%, 69%
XYZ	21.0019, 33.6138, 17.1856
YIQ	138.2190, -33.0950, -44.5110

Conversions

Conversions Part 2

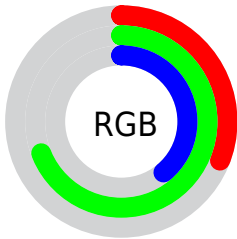
Format	Color
RYB	79, 159, 176
Decimal	5222499
CIELab	64.66, -45.37, 30.98
CIELCh	65, 54.936, 145.678
Yxy	33.6152, 0.2925, 0.4681
Android (android.graphics.Color)	4283412579 (0xFF4FB063)
YUV	138.2190, -19.3350, -51.9351
Hunter-Lab	57.9774, -36.8000, 23.0095

Details

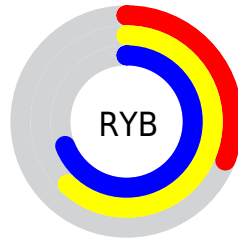
The HunterLab color $57.9774, -36.8000, 23.0095$ is a dark color, and the websafe version is hex $66CC66$. A complement of this color would be $41.5006, 42.2241, -18.6245$, and the grayscale version is $50.5857, -2.6991, 2.7484$.

A 20% lighter version of the original color is $80.6836, -42.8926, 27.4511$, and $37.6671, -29.8527, 17.9378$ is the 20% darker color. If you saturate the color by 10%, you get $57.1955, -40.4329, 25.6200$, and if you desaturate by 10%, it is $58.9603, -32.3605, 20.0623$.

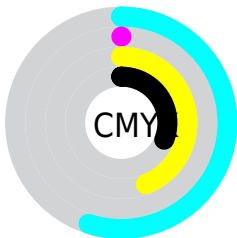
Distribution



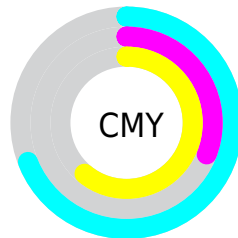
- Red (31%)
- Green (69%)
- Blue (39%)



- Red (31%)
- Yellow (62%)
- Blue (69%)



- Cyan (55%)
- Magenta (0%)
- Yellow (44%)
- Black (31%)



- Cyan (69%)
- Magenta (31%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.9774, -36.8000, 23.0095 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 57.9774, -36.8000, 23.0095 by changing the saturation by 10% instead.

■ 57.9774, -36.8000,
23.0095

■ 57.9774, -36.8000,
23.0095

178.4412,
-62.1651, 42.3991

■ 47.5375, -33.4809,
20.5494

■ 80.8299, -42.9971,
27.6504

■ 37.8114, -29.9563,
17.9581

■ 93.1698, -45.9300,
29.8686

■ 28.8575, -26.1588,
15.1935

■ 106.0807,
-48.7788, 32.0365

■ 20.7491, -21.9824,
12.2200

■ 119.5382,
-51.5576, 34.1639

■ 13.5858, -18.0654,
9.5101

■ 133.5212,
-54.2775, 36.2582

■ 7.1794, -12.5640,
5.0256

148.0105,

0.0000, NaN, NaN

-56.9474, 38.3257

0.0000, NaN, NaN

162.9890,
-59.5746, 40.3713

0.0000, NaN, NaN

■ 57.9774, -36.8000,
23.0095

■ 57.9774, -36.8000,
23.0095

■ 57.1955, -40.4329,
25.6200

■ 58.9603, -32.3605,
20.0623

■ 56.6028, -43.2514,
27.8664

■ 60.1447, -27.1428,
16.8109

■ 56.1876, -45.2817,
29.7330

■ 61.5322, -21.1984,
13.2952

■ 55.9310, -46.5870,
31.2141

■ 63.1207, -14.5923,
9.5574

■ 55.8401, -47.0571,
31.7876

■ 64.9053, -7.3976,
5.6397

■ 66.8796, 0.3090,
1.5827

■ 69.0355, 8.4523,
-2.5766

■ 71.3644, 16.9611,
-6.8055

■ 73.8569, 25.7707,
-11.0762

Harmonies

Analogous

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



57.9786, -21.9503, 30.5897



57.9774, -36.8000, 23.0095



57.9786, -42.6531, 6.4006

Triad

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



57.9786, -36.8008, 23.0099



57.9786, -6.5695, -60.7886



57.9786, 45.1984, 19.2744

Complementary

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



57.9774, -36.8000, 23.0095



41.5006, 42.2241, -18.6245

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.



57.9786, 51.1130, -0.2878



57.9774, -36.8000, 23.0095



57.9786, 18.5238, -52.7449

Square

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



57.9786, -36.8008, 23.0099



57.9786, -27.1164, -46.7312



57.9786, 40.6592, -27.8405



57.9786, 25.6083, 29.1382

Rectangle

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



57.9774, -36.8000, 23.0095



57.9786, -41.5087, -10.1560



57.9786, 40.6592, -27.8405



57.9786, 48.9762, 13.9086

Sweetspot

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



57.9786, -36.8008, 23.0099



84.5146, -21.6654, 13.9928



62.2453, -20.7060, 30.9466



39.1458, -10.9054, 6.9743



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



57.9786, -36.8008, 23.0099



76.8417, -55.3144, 35.1607



59.0066, -30.6312, 8.1272



30.8509, -5.0505, 3.5171



47.8375, -40.2607, 27.1185



8.5344, -6.8362, 4.0902

Inverse Universe

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



41.5006, 42.2241, -18.6245



51.2670, 68.4368, -29.1862



39.8842, 34.9887, 4.0565



29.3532, 1.9843, -0.2687



28.5726, 53.8017, -19.2908



5.1426, 9.8057, -4.4208

Previews

White Background



This preview shows how the HunterLab color 57.9774, -36.8000, 23.0095 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 57.9774, -36.8000, 23.0095 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 57.9774, -36.8000, 23.0095 Background



This preview shows how black text looks on a background with the HunterLab color 57.9774, -36.8000, 23.0095.



This preview shows how white text looks on a background with the HunterLab color 57.9774,

-36.8000, 23.0095.

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

57.9774, -36.8000, 23.0095

Protanopia

57.6109, -6.0977, 25.2068

Deuteranopia

57.4055, 3.8532, 21.6371



Tritanopia

57.9529, -17.6314, -8.7747

Trichromacy



Original Color

57.9774, -36.8000, 23.0095

Protanomaly

56.9261, -19.3519, 23.7094

Deuteranomaly

56.5496, -14.1179, 21.1447

Tritanomaly

57.6707, -25.4816, 4.9901

Monochromacy



Original Color

57.9774, -36.8000, 23.0095

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

52.6247, -16.7839, 10.6493

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.9774, -36.8000, 23.0095 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(79, 176, 99)` looks like.

```
.text, #text, p{  
    color:rgb(79, 176, 99)  
}
```

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(79, 176, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 176, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 57.9774, -36.8000, 23.0095 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(79, 176, 99) }
```


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

```
.border{ border-color:rgb(79, 176, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 176, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 176, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 176, 99);  
box-shadow:4px 4px 4px 4px rgb(79, 176,  
99) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.9774, -36.8000, 23.0095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 176, 99) }
```

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

```
.background{ background-color: rgb(79, 176,  
99) }
```

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