

Converting Colors

HunterLab(59.9632, -48.9688,
30.7610)

Have a look what the booklet for
HunterLab(59.9632, -48.9688,
30.7610) contains.

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Color

**HunterLab(59.9650,
-48.9353, 30.6862)**

Conversions

Conversions Part 1

Format	Color
Hex	00BB44
RGB	0, 187, 68
RGB Percent	0%, 73%, 27%
CMY	1.0000, 0.2667, 0.7333
CMYK	1.00, 0.00, 0.64, 0.27
HSL	142°, 100%, 37%
HSV	142°, 100%, 73%
XYZ	18.8137, 35.9580, 11.4178
YIQ	117.5210, -73.2530, -76.6530

Conversions

Conversions Part 2

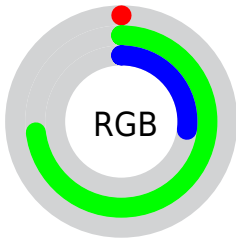
Format	Color
RYB	0, 137, 187
Decimal	47940
CIELab	66.49, -64.16, 47.91
CIELCh	66, 80.070, 143.250
Yxy	35.9595, 0.2842, 0.5433
Android (android.graphics.Color)	4278238020 (0xFF00BB44)
YUV	117.5210, -24.4139, -103.0659
Hunter-Lab	59.9650, -48.9353, 30.6862

Details

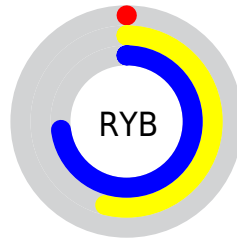
The HunterLab color **59.9650, -48.9353, 30.6862** is a dark color, and the websafe version is hex **00CC66**. A complement of this color would be **34.4925, 62.9304, -7.6462**, and the grayscale version is **42.4913, -2.2672, 2.3086**.

A 20% lighter version of the original color is **83.2211, -57.5259, 37.6138**, and **40.6476, -34.6821, 24.0627** is the 20% darker color. If you saturate the color by 10%, you get **59.9662, -48.9363, 30.6868**, and if you desaturate by 10%, it is **60.2124, -47.6282, 28.8140**.

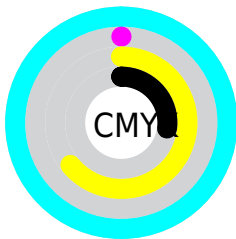
Distribution



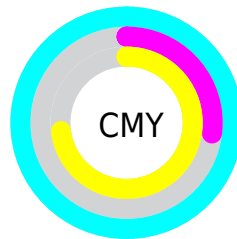
- Red (0%)
- Green (73%)
- Blue (27%)



- Red (0%)
- Yellow (54%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (64%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.9650, -48.9353, 30.6862 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 59.9650, -48.9353, 30.6862 by changing the saturation by 10% instead.

■ 59.9650, -48.9353,
30.6862

■ 59.9650, -48.9353,
30.6862

181.3239,
-82.6482, 57.8163

■ 49.3993, -44.3902,
27.1004

■ 83.0479, -57.3393,
37.3725

■ 39.5383, -39.5346,
23.3052

■ 95.4944, -61.2784,
40.5263

■ 30.4379, -34.2769,
19.2583

■ 108.5072,
-65.0810, 43.5809

■ 22.1680, -28.4802,
15.5176

■ 122.0626,
-68.7678, 46.5518

■ 14.8223, -23.9057,
10.3756

■ 136.1397,
-72.3555, 49.4515

■ 8.4757, -14.8324,
5.9330

■ 150.7199,

0.0000, NaN, NaN

-75.8578, 52.2900

0.0000, NaN, NaN

165.7864,
-79.2856, 55.0759

0.0000, NaN, NaN

■ 59.9650, -48.9353,
30.6862

■ 59.9650, -48.9353,
30.6862

■ 59.9662, -48.9363,
30.6868

■ 60.2124, -47.6282,
28.8140

■ 60.5906, -45.7236,
26.6712

■ 61.1386, -43.0784,
24.2947

■ 61.8723, -39.6520,
21.7132

■ 62.8022, -35.4358,
18.9591

■ 63.9346, -30.4475,
16.0674

■ 65.2719, -24.7259,
13.0742

■ 66.8136, -18.3260,
10.0152

■ 68.5565, -11.3136,
6.9236

Harmonies

Analogous

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



59.9662, -27.9947, 37.6216



59.9650, -48.9353, 30.6862



59.9662, -57.3327, 10.4514

Triad

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



59.9662, -48.9360, 30.6865



59.9662, -11.0691, -104.7336



59.9662, 73.9157, 23.7632

Complementary

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



59.9650, -48.9353, 30.6862



34.4925, 62.9304, -7.6462

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.



59.9662, 81.4561, -4.9401



59.9650, -48.9353, 30.6862



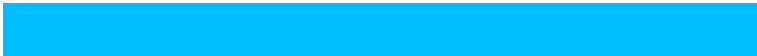
59.9662, 26.4129, -93.2418

Square

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



59.9662, -48.9360, 30.6865



59.9662, -39.0349, -76.3114



59.9662, 62.4050, -50.5134



59.9662, 43.7112, 35.5742

Rectangle

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



59.9650, -48.9353, 30.6862



59.9662, -56.5123, -13.7393



59.9662, 62.4050, -50.5134



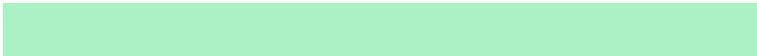
59.9662, 79.4369, 16.3999

Sweetspot

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



59.9662, -48.9360, 30.6865



87.2568, -33.4842, 17.6942



62.9660, -37.2380, 38.1473



40.5784, -17.2806, 9.1051



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



59.9662, -48.9360, 30.6865



80.2242, -65.6502, 41.4466



61.6796, -38.4110, 5.8244



32.7192, -5.1676, 3.2044



49.7877, -40.5395, 25.2828



9.9180, -7.6243, 4.0621

Inverse Universe

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



34.4925, 62.9304, -7.6462



46.1085, 84.0336, -9.5183



32.6334, 56.1428, 19.0893



31.0416, 1.9084, 0.2915



28.6552, 52.3250, -6.6940



5.7774, 10.7360, -2.7941

Previews

White Background



This preview shows how the HunterLab color 59.9650, -48.9353, 30.6862 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 59.9650, -48.9353, 30.6862 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 59.9650, -48.9353, 30.6862 Background



This preview shows how black text looks on a background with the HunterLab color 59.9650, -48.9353, 30.6862.



This preview shows how white text looks on a background with the HunterLab color 59.9650, -48.9353, 30.6862.

-48.9353, 30.6862.

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

59.9650, -48.9353, 30.6862

Protanopia

59.4976, -7.6644, 32.2679

Deuteranopia

59.4460, 4.2329, 29.5157



Tritanopia

59.8581, -22.9930, -11.2054

Trichromacy



Original Color

59.9650, -48.9353, 30.6862



Protanomaly

57.1714, -30.7020, 29.8144



Deuteranomaly

56.4272, -25.0559, 27.5243



Tritanomaly

59.0871, -35.5824, 8.9063

Monochromacy



Original Color

59.9650, -48.9353, 30.6862



Achromatopsia

42.5634, -2.2711, 2.3126



Achromatomaly

46.9690, -25.0975, 13.2834

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.9650, -48.9353, 30.6862 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(0, 187, 68)` looks like.

```
.text, #text, p{  
    color:rgb(0, 187, 68)  
}
```

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(0, 187, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 187, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 59.9650, -48.9353, 30.6862 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(0, 187, 68) }
```


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

```
.border{ border-color:rgb(0, 187, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 187, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 187, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 187, 68);  
box-shadow:4px 4px 4px 4px rgb(0, 187, 68)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 59.9650, -48.9353, 30.6862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 187, 68) }
```

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

```
.background{ background-color: rgb(0, 187,  
68) }
```

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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