

Converting Colors

HunterLab(56.8722, -48.1133,
32.7775)

Have a look what the booklet for
HunterLab(56.8722, -48.1133,
32.7775) contains.

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Color

**HunterLab(56.8722,
-48.1133, 32.7775)**

Conversions

Conversions Part 1

Format	Color
Hex	00B320
RGB	0, 179, 32
RGB Percent	0%, 70%, 13%
CMY	1.0000, 0.2980, 0.8745
CMYK	1.00, 0.00, 0.82, 0.30
HSL	131°, 100%, 35%
HSV	131°, 100%, 70%
XYZ	16.3808, 32.3445, 6.7462
YIQ	108.7210, -59.4970, -83.6650

Conversions

Conversions Part 2

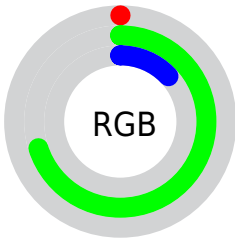
Format	Color
RYB	0, 152, 179
Decimal	45856
CIELab	63.63, -64.97, 58.15
CIELCh	64, 87.188, 138.172
Yxy	32.3458, 0.2953, 0.5831
Android (android.graphics.Color)	4278235936 (0xFF00B320)
YUV	108.7210, -37.8235, -95.3483
Hunter-Lab	56.8722, -48.1133, 32.7775

Details

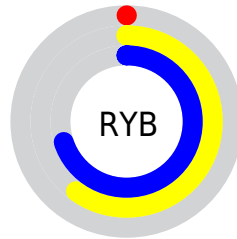
The HunterLab color **56.8722, -48.1133, 32.7775** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **34.1915, 64.7146, -25.6629**, and the grayscale version is **39.1565, -2.0893, 2.1274**.

A 20% lighter version of the original color is **79.5427, -56.6836, 40.8115**, and **37.9675, -32.5571, 22.8254** is the 20% darker color. If you saturate the color by 10%, you get **56.8734, -48.1141, 32.7778**, and if you desaturate by 10%, it is **57.0719, -47.0953, 31.5812**.

Distribution



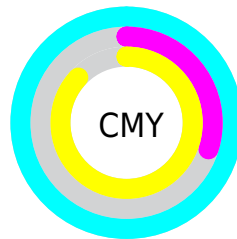
- Red (0%)
- Green (70%)
- Blue (13%)



- Red (0%)
- Yellow (60%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (82%)
- Black (30%)



- Cyan (100%)
- Magenta (30%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.8722, -48.1133, 32.7775 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 56.8722, -48.1133, 32.7775 by changing the saturation by 10% instead.

■ 56.8722, -48.1133,
32.7775

■ 56.8722, -48.1133,
32.7775

176.8309,
-82.5228, 65.0737

■ 46.5035, -43.4303,
28.4365

■ 79.5945, -56.7363,
40.8431

■ 36.8540, -38.4084,
23.8474

■ 91.8741, -60.7651,
44.6262

■ 27.9833, -32.9443,
19.5883

■ 104.7274,
-64.6477, 48.2751

■ 19.9669, -26.8825,
13.9768

■ 118.1298,
-68.4069, 51.8090

■ 12.9080, -22.5890,
9.0356

■ 132.0597,
-72.0607, 55.2436

■ 6.3372, -11.0902,
4.4361

■ 146.4977,

0.0000, NaN, NaN

-75.6237, 58.5922

0.0000, NaN, NaN

161.4267,
-79.1078, 61.8658

0.0000, NaN, NaN

■ 56.8722, -48.1133,
32.7775

■ 56.8722, -48.1133,
32.7775

■ 56.8734, -48.1141,
32.7778

■ 57.0719, -47.0953,
31.5812

■ 57.4058, -45.4397,
29.9584

■ 57.9144, -42.9922,
27.9142

■ 58.6139, -39.7073,
25.4552

■ 59.5152, -35.5747,
22.6001

■ 60.6246, -30.6135,
19.3786

■ 61.9443, -24.8670,
15.8285

■ 63.4733, -18.3965,
11.9930

■ 65.2079, -11.2752,
7.9177

Harmonies

Analogous

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



56.8734, -24.2016, 37.5209



56.8722, -48.1133, 32.7775



56.8734, -58.5987, 15.6488

Triad

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



56.8734, -48.1140, 32.7777



56.8734, -17.3395, -116.7451



56.8734, 85.0488, 20.8757

Complementary

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



56.8722, -48.1133, 32.7775



34.1915, 64.7146, -25.6629

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.



56.8734, 88.3132, -13.1903



56.8722, -48.1133, 32.7775



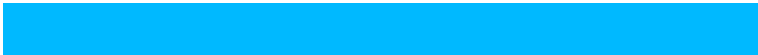
56.8734, 21.7599, -111.5360

Square

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



56.8734, -48.1140, 32.7777



56.8734, -44.2389, -77.5850



56.8734, 62.7824, -66.1019



56.8734, 54.7795, 34.4443

Rectangle

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



56.8722, -48.1133, 32.7775



56.8734, -59.0569, -7.7716



56.8734, 62.7824, -66.1019



56.8734, 89.5864, 12.1681

Sweetspot

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



56.8734, -48.1140, 32.7777



82.8003, -33.6924, 21.4331



62.1667, -26.8269, 37.8372



38.6136, -17.4154, 11.0400



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



56.8734, -48.1140, 32.7777



76.0953, -64.4844, 44.0909



57.9495, -41.4366, 17.0180



30.8449, -5.0842, 3.6036



47.8155, -40.3986, 27.4437



8.5254, -6.8921, 4.2221

Inverse Universe

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



34.1915, 64.7146, -25.6629



45.7235, 86.4870, -33.8969



31.4752, 54.9274, 12.3899



29.3601, 2.0210, -0.3660



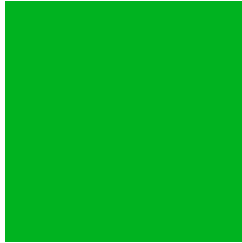
28.7567, 54.4529, -21.7754



5.1673, 9.8926, -4.7501

Previews

White Background



This preview shows how the HunterLab color 56.8722, -48.1133, 32.7775 looks on a white background.

Color Contrast Check

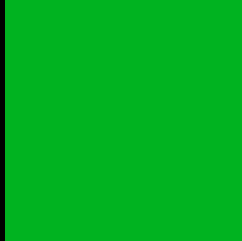
Large Text (above 18pt) WCAG AA × Fail

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 56.8722, -48.1133, 32.7775 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 56.8722, -48.1133, 32.7775 Background



This preview shows how black text looks on a background with the HunterLab color 56.8722, -48.1133, 32.7775.



This preview shows how white text looks on a background with the HunterLab color 56.8722, -48.1133, 32.7775.

-48.1133, 32.7775.

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

56.8722, -48.1133, 32.7775

Protanopia

56.2346, -7.6920, 33.5472

Deuteranopia

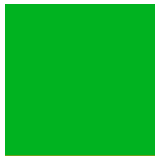
56.2841, 4.3136, 31.6966



Tritanopia

56.9110, -21.5555, -10.2942

Trichromacy



Original Color

56.8722, -48.1133, 32.7775



Protanomaly

54.0145, -30.2940, 31.5473



Deuteranomaly

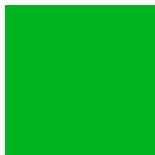
53.3160, -24.6059, 29.8807



Tritanomaly

55.8896, -35.5244, 12.8774

Monochromacy



Original Color

56.8722, -48.1133, 32.7775



Achromatopsia

39.1058, -2.0866, 2.1247



Achromatomaly

43.4850, -24.9336, 15.7448

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.8722, -48.1133, 32.7775 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, 179, 32)` looks like.

```
.text, #text, p{  
    color:rgb(0, 179, 32)  
}
```

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, 179, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 179, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 56.8722, -48.1133, 32.7775 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, 179, 32) }
```


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

```
.border{ border-color:rgb(0, 179, 32) }
```

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

Here you see how a box with a 4 pixel rgb(0, 179, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 179, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 179, 32);  
box-shadow:4px 4px 4px 4px rgb(0, 179, 32)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 56.8722, -48.1133, 32.7775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 179, 32) }
```

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

```
.background{ background-color: rgb(0, 179,  
32) }
```

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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