

Converting Colors

HunterLab(55.7540, -47.4725,
32.7931)

Have a look what the booklet for
HunterLab(55.7540, -47.4725,
32.7931) contains.

HunterLab(55.7717, -47.4776, 32.7809)	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(55.7717,
-47.4776, 32.7809)**

Conversions

Conversions Part 1

Format	Color
Hex	00B015
RGB	0, 176, 21
RGB Percent	0%, 69%, 8%
CMY	1.0000, 0.3098, 0.9176
CMYK	1.00, 0.00, 0.88, 0.31
HSL	127°, 100%, 35%
HSV	127°, 100%, 69%
XYZ	15.6607, 31.1048, 5.8879
YIQ	105.7060, -55.1410, -85.5170

Conversions

Conversions Part 2

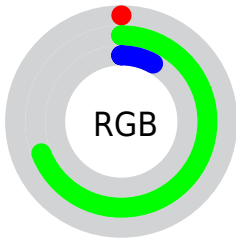
Format	Color
RYB	0, 157, 176
Decimal	45077
CIELab	62.60, -64.66, 59.88
CIELCh	63, 88.131, 137.201
Yxy	31.1061, 0.2974, 0.5907
Android (android.graphics.Color)	4278235157 (0xFF00B015)
YUV	105.7060, -41.7601, -92.7042
Hunter-Lab	55.7717, -47.4776, 32.7809

Details

The HunterLab color **55.7717, -47.4776, 32.7809** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **34.0544, 65.2675, -31.8611**, and the grayscale version is **38.0227, -2.0288, 2.0658**.

A 20% lighter version of the original color is **78.3512, -56.1835, 41.1034**, and **37.3083, -31.9918, 22.4291** is the 20% darker color. If you saturate the color by 10%, you get **55.7728, -47.4785, 32.7812**, and if you desaturate by 10%, it is **55.9529, -46.5736, 31.8504**.

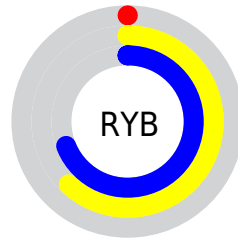
Distribution



Red (0%)

Green (69%)

Blue (8%)



Red (0%)

Yellow (62%)

Blue (69%)

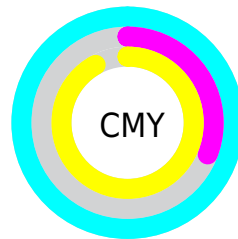


Cyan (100%)

Magenta (0%)

Yellow (88%)

Black (31%)



Cyan (100%)


Magenta (31%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 55.7717, -47.4776, 32.7809 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 55.7717, -47.4776, 32.7809 by changing the saturation by 10% instead.


 55.7717, -47.4776,
32.7809


 55.7717, -47.4776,
32.7809


175.2218,
-81.8647, 66.0310


 45.4749, -42.7850,
28.2995


 78.3627, -56.1071,
41.1041


 35.9027, -37.7465,
23.5658


 90.5817, -60.1352,
45.0044


 27.1162, -32.2550,
18.9813


 103.3771,
-64.0154, 48.7634

 19.1931, -26.1556,
13.4352

 116.7239,
-67.7710, 52.4011

 12.2404, -21.4207,
8.5683

 130.6003,
-71.4202, 55.9340

 5.3621, -9.3836,
3.7534

 144.9868,

0.0000, NaN, NaN

-74.9778, 59.3758

0.0000, NaN, NaN

159.8659,
-78.4560, 62.7382

0.0000, NaN, NaN

■ 55.7717, -47.4776,
32.7809

■ 55.7717, -47.4776,
32.7809

■ 55.7728, -47.4785,
32.7812

■ 55.9529, -46.5736,
31.8504

■ 56.2680, -45.0278,
30.4594

■ 56.7582, -42.6794,
28.5960

■ 57.4402, -39.4792,
26.2544

■ 58.3252, -35.4144,
23.4452

■ 59.4197, -30.5033,
20.1931

■ 60.7260, -24.7896,
16.5345

■ 62.2432, -18.3358,
12.5133

■ 63.9672, -11.2169,
8.1784

Harmonies

Analogous

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



55.7729, -23.1797, 37.0850



55.7717, -47.4776, 32.7809



55.7729, -58.2673, 16.4640

Triad

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



55.7729, -47.4783, 32.7811



55.7729, -18.4140, -118.0940



55.7729, 86.5473, 20.0703

Complementary

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



55.7717, -47.4776, 32.7809



34.0544, 65.2675, -31.8611

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.



55.7729, 88.8447, -14.8768



55.7717, -47.4776, 32.7809



55.7729, 20.5817, -114.3947

Square

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



55.7729, -47.4783, 32.7811



55.7729, -44.8070, -77.0157



55.7729, 62.2052, -68.8894



55.7729, 56.5854, 33.8958

Rectangle

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



55.7717, -47.4776, 32.7809



55.7729, -58.9609, -6.5065



55.7729, 62.2052, -68.8894



55.7729, 90.8204, 11.1427

Sweetspot

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



55.7729, -47.4783, 32.7811



81.6799, -33.8153, 22.5393



61.6985, -23.6851, 37.6036



37.6744, -17.2627, 11.4596



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.



55.7729, -47.4783, 32.7811



75.0977, -64.0114, 44.3167



56.6975, -41.7285, 19.2131



30.8319, -5.1571, 3.7904



47.7776, -40.6365, 28.0048



8.5059, -7.0139, 4.5093

Inverse Universe

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



34.0544, 65.2675, -31.8611



45.8364, 87.8104, -42.5833



31.0507, 54.4980, 9.8061



29.3750, 2.1011, -0.5783



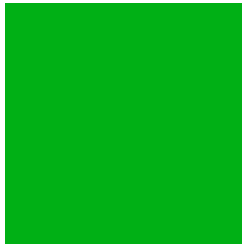
29.1791, 55.9397, -27.4202



5.2229, 10.0875, -5.4861

Previews

White Background



This preview shows how the HunterLab color 55.7717, -47.4776, 32.7809 looks on a white background.

Color Contrast Check

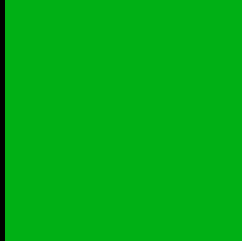
Large Text (above 18pt) WCAG AA × Fail

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 55.7717, -47.4776, 32.7809 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 55.7717, -47.4776, 32.7809 Background



This preview shows how black text looks on a background with the HunterLab color 55.7717, -47.4776, 32.7809.



This preview shows how white text looks on a background with the HunterLab color 55.7717, -47.4776, 32.7809.

-47.4776, 32.7809.

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

55.7717, -47.4776, 32.7809

Protanopia

55.4107, -7.7211, 33.6699

Deuteranopia

55.3517, 3.8935, 31.7275



Tritanopia

55.8400, -20.8880, -10.1222

Trichromacy



Original Color

55.7717, -47.4776, 32.7809



Protanomaly

53.2581, -30.0529, 31.7881



Deuteranomaly

52.4949, -24.6399, 30.1198



Tritanomaly

54.7409, -35.2593, 13.8678

Monochromacy



Original Color

55.7717, -47.4776, 32.7809



Achromatopsia

37.9643, -2.0257, 2.0627



Achromatomaly

42.3484, -24.7895, 16.3413

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.7717, -47.4776, 32.7809 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, 176, 21)` looks like.

```
.text, #text, p{  
    color:rgb(0, 176, 21)  
}
```

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, 176, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 176, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 55.7717, -47.4776, 32.7809 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, 176, 21) }
```


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

```
.border{ border-color:rgb(0, 176, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 176, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 176, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 176, 21);  
box-shadow:4px 4px 4px 4px rgb(0, 176, 21)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 55.7717, -47.4776, 32.7809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 176, 21) }
```

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

```
.background{ background-color: rgb(0, 176,  
21) }
```

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