

Converting Colors

HunterLab(73.4177, -58.6242,
41.1919)

Have a look what the booklet for
HunterLab(73.4177, -58.6242,
41.1919) contains.

HunterLab(73.4177, -58.6242, 41.1919)	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(73.4177,
-58.6242, 41.1919)**

Conversions

Conversions Part 1

Format	Color
Hex	38DF38
RGB	56, 223, 56
RGB Percent	22%, 87%, 22%
CMY	0.7804, 0.1255, 0.7804
CMYK	0.75, 0.00, 0.75, 0.13
HSL	120°, 72%, 55%
HSV	120°, 75%, 87%
XYZ	28.7323, 53.9016, 12.6311
YIQ	154.0290, -45.9250, -87.3410

Conversions

Conversions Part 2

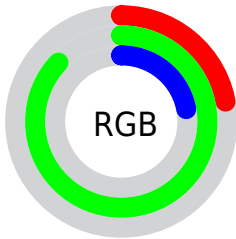
Format	Color
RYB	56, 223, 223
Decimal	3727160
CIELab	78.41, -71.35, 65.22
CIELCh	78, 96.667, 137.567
Yxy	53.9038, 0.3016, 0.5658
Android (android.graphics.Color)	4281917240 (0xFF38DF38)
YUV	154.0290, -48.3283, -85.9714
Hunter-Lab	73.4177, -58.6242, 41.1919

Details

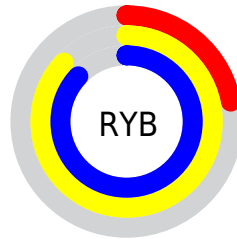
The HunterLab color **73.4177, -58.6242, 41.1919** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark muted green. A complement of this color would be **48.8309, 79.6483, -53.2794**, and the grayscale version is **57.0622, -3.0447, 3.1003**.

A 20% lighter version of the original color is **87.9784, -56.8780, 42.4877**, and **52.2230, -44.7812, 31.3956** is the 20% darker color. If you saturate the color by 10%, you get **72.9564, -60.8230, 42.6786**, and if you desaturate by 10%, it is **74.1380, -55.2445, 38.9060**.

Distribution



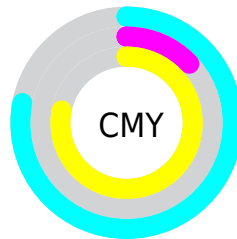
- Red (22%)
- Green (87%)
- Blue (22%)



- Red (22%)
- Yellow (87%)
- Blue (87%)



- Cyan (75%)
- Magenta (0%)
- Yellow (75%)
- Black (13%)





- Cyan (78%)
- Magenta (13%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 73.4177, -58.6242, 41.1919 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 73.4177, -58.6242, 41.1919 by changing the saturation by 10% instead.


 73.4177, -58.6242,
41.1919


 73.4177, -58.6242,
41.1919


200.4353,
-94.3042, 75.3244


 62.0683, -53.9130,
36.7152


 97.9454, -67.4266,
49.6008

 51.3714, -48.9307,
32.0206


 111.0639,
-71.5823, 53.5798

 41.3713, -43.6104,
27.0834


 124.7209,
-75.6071, 57.4346

 32.1202, -37.8567,
22.3560

 138.8958,
-79.5194, 61.1811

 23.6848, -31.5322,
16.5794

 153.5705,
-83.3339, 64.8328

 16.1531, -26.1134,
11.3072

168.7283,

 9.6505, -16.8883,

-87.0630, 68.4010

6.7553

184.3545,
-90.7169, 71.8955

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.4177, -58.6242,
41.1919

■ 73.4177, -58.6242,
41.1919

■ 72.9564, -60.8230,
42.6786

■ 74.1380, -55.2445,
38.9060

■ 72.7162, -61.9697,
43.4542

■ 75.1353, -50.6157,
35.7762


■ 72.6481, -62.2957,
43.6746


■ 76.4257, -44.7299,
31.7968


■ 78.0168, -37.6250,
26.9939


■ 79.9103, -29.3766,

21.4189

 82.1026, -20.0868,
15.1412

 84.5864, -9.8741,
8.2411

 87.3510, 1.1371,
0.8032

 90.1429, 11.9099,
-6.4725

Harmonies

Analogous

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



73.4192, -28.8402, 47.5242



73.4177, -58.6242, 41.1919



73.4192, -72.0561, 19.9514

Triad

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



73.4192, -58.6252, 41.1922



73.4192, -22.0724, -135.5443



73.4192, 101.3253, 25.1890

Complementary

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



73.4177, -58.6242, 41.1919



48.8309, 79.6483, -53.2794

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.



73.4192, 104.4357, -16.6077



73.4177, -58.6242, 41.1919



73.4192, 24.8398, -130.6986

Square

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



73.4192, -58.6252, 41.1922



73.4192, -54.7304, -89.6440



73.4192, 73.7585, -78.8631



73.4192, 66.0887, 42.9955

Rectangle

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



73.4177, -58.6242, 41.1919



73.4192, -72.8244, -8.0172



73.4192, 73.7585, -78.8631



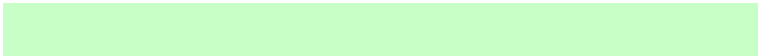
73.4192, 106.4274, 14.2704

Sweetspot

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



73.4192, -58.6252, 41.1922



93.6843, -31.3664, 23.0206



82.9166, -21.2442, 48.0456



43.0359, -15.8251, 11.5382

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



73.4192, -58.6252, 41.1922



84.7381, -71.7116, 50.2960



74.4963, -51.9766, 25.4007



39.1628, -6.8719, 5.3798



55.7055, -47.7674, 33.4890



14.6660, -12.5760, 8.8167

Inverse Universe

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



48.8309, 79.6483, -53.2794



54.0336, 102.4853, -68.7139



45.1617, 65.4053, -3.3472



37.3305, 3.0251, -1.3834



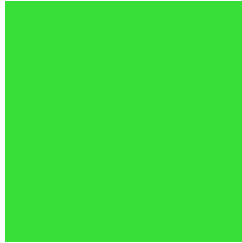
35.1520, 69.1095, -46.3591



9.2547, 18.1949, -12.2055

Previews

White Background



This preview shows how the HunterLab color 73.4177, -58.6242, 41.1919 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 73.4177, -58.6242, 41.1919 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 73.4177, -58.6242, 41.1919 Background



This preview shows how black text looks on a background with the HunterLab color 73.4177, -58.6242, 41.1919.



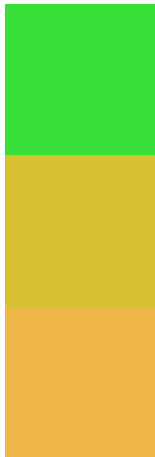
This preview shows how white text looks on a background with the HunterLab color 73.4177, -58.6242, 41.1919.

-58.6242, 41.1919.

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

73.4177, -58.6242, 41.1919

Protanopia

72.7683, -9.7914, 42.3897

Deuteranopia

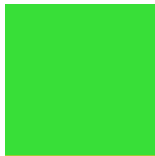
72.5848, 5.0346, 39.8066



Tritanopia

73.1787, -25.6828, -13.0717

Trichromacy



Original Color

73.4177, -58.6242, 41.1919



Protanomaly

71.1996, -33.6166, 40.6763



Deuteranomaly

70.3933, -26.3461, 38.5735



Tritanomaly

72.3153, -41.5773, 15.0366

Monochromacy



Original Color

73.4177, -58.6242, 41.1919



Achromatopsia

56.8457, -3.0331, 3.0885



Achromatomaly

61.1553, -28.6191, 20.5659

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 73.4177, -58.6242, 41.1919 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(56, 223, 56)` looks like.

```
.text, #text, p{  
    color:rgb(56, 223, 56)  
}
```

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(56, 223, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 223, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 73.4177, -58.6242, 41.1919 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(56, 223, 56) }
```


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

```
.border{ border-color:rgb(56, 223, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 223, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 223, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 223, 56);  
box-shadow:4px 4px 4px 4px rgb(56, 223,  
56) }
```

Background

The CSS property to change the background color of an element to HunterLab 73.4177, -58.6242, 41.1919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 223, 56) }
```

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

```
.background{ background-color: rgb(56, 223,  
56) }
```

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