

Converting Colors

HunterLab(72.3089, -55.5942,
38.5100)

Have a look what the booklet for
HunterLab(72.3089, -55.5942,
38.5100) contains.

HunterLab(72.3112, -55.5804, 38.5579)	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(72.3112,
-55.5804, 38.5579)**

Conversions

Conversions Part 1

Format	Color
Hex	42DB48
RGB	66, 219, 72
RGB Percent	26%, 86%, 28%
CMY	0.7412, 0.1412, 0.7176
CMYK	0.70, 0.00, 0.67, 0.14
HSL	122°, 68%, 56%
HSV	122°, 70%, 86%
XYZ	28.7479, 52.2891, 14.7085
YIQ	156.4950, -44.0010, -78.1530

Conversions

Conversions Part 2

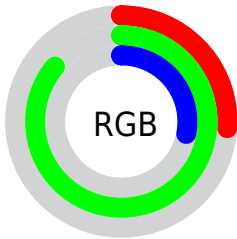
Format	Color
RYB	66, 213, 219
Decimal	4381512
CIELab	77.45, -67.19, 58.51
CIELCh	77, 89.091, 138.951
Yxy	52.2913, 0.3003, 0.5461
Android (android.graphics.Color)	4282571592 (0xFF42DB48)
YUV	156.4950, -41.6560, -79.3641
Hunter-Lab	72.3112, -55.5804, 38.5579

Details

The HunterLab color **72.3112, -55.5804, 38.5579** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **48.7455, 72.7897, -45.2567**, and the grayscale version is **58.0385, -3.0968, 3.1533**.

A 20% lighter version of the original color is **88.3859, -54.8644, 40.0335**, and **50.8359, -43.5764, 30.5285** is the 20% darker color. If you saturate the color by 10%, you get **71.7227, -58.3874, 40.5874**, and if you desaturate by 10%, it is **73.1615, -51.6045, 35.7773**.

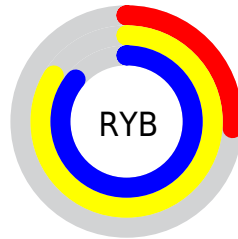
Distribution



Red (26%)

Green (86%)

Blue (28%)



Red (26%)

Yellow (84%)

Blue (86%)

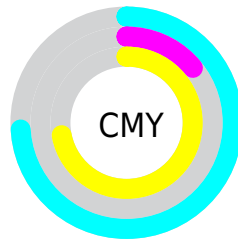


Cyan (70%)

Magenta (0%)

Yellow (67%)

Black (14%)



Cyan (74%)

Magenta (14%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.3112, -55.5804, 38.5579 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 72.3112, -55.5804, 38.5579 by changing the saturation by 10% instead.

■ 72.3112, -55.5804,
38.5579

■ 72.3112, -55.5804,
38.5579

198.8869,
-89.5329, 69.7071

■ 61.0224, -51.1103,
34.4846

■ 96.7268, -63.9386,
46.2071

■ 50.3898, -46.3842,
30.2062

■ 109.7929,
-67.8881, 49.8296

■ 40.4584, -41.3373,
25.6908

■ 123.3996,
-71.7158, 53.3426

■ 31.2818, -35.8765,
21.0927

■ 137.5261,
-75.4389, 56.7609

■ 22.9281, -29.8651,
16.0497

■ 152.1539,
-79.0716, 60.0968

■ 15.4881, -24.8400,
10.8417

167.2665,

■ 9.0845, -15.8979,

-82.6253, 63.3608

6.3591

182.8488,
-86.1097, 66.5618

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.3112, -55.5804,
38.5579

■ 72.3112, -55.5804,
38.5579

■ 71.7227, -58.3874,
40.5874

■ 73.1615, -51.6045,
35.7773

■ 71.3661, -60.1071,
41.9070

■ 74.2861, -46.4277,
32.2354

■ 71.1944, -60.9446,
42.5903


■ 75.6964, -40.0692,
27.9517


■ 71.1926, -60.9532,
42.5959


■ 77.3965, -32.5863,
22.9691


■ 79.3851, -24.0657,

17.3477

 81.6570, -14.6135,
11.1588

 84.2033, -4.3457,
4.4787

 87.0130, 6.6202,
-2.6162

 88.9635, 14.1039,
-7.9858

Harmonies

Analogous

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



72.3127, -28.4454, 45.5506



72.3112, -55.5804, 38.5579



72.3127, -67.6677, 17.2590

Triad

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



72.3127, -55.5814, 38.5582



72.3127, -18.8103, -120.7665



72.3127, 90.3540, 24.8389

Complementary

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



72.3112, -55.5804, 38.5579



48.7455, 72.7897, -45.2567

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.



72.3127, 94.6273, -12.5315



72.3112, -55.5804, 38.5579



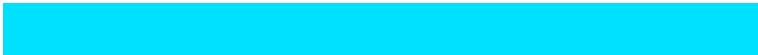
72.3127, 24.5185, -114.2767

Square

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



72.3127, -55.5814, 38.5582



72.3127, -49.9304, -82.1973



72.3127, 68.3355, -67.6141



72.3127, 57.7338, 41.3677

Rectangle

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



72.3112, -55.5804, 38.5579



72.3127, -67.9842, -9.1788



72.3127, 68.3355, -67.6141



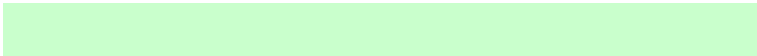
72.3127, 95.3945, 14.9780

Sweetspot

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



72.3127, -55.5814, 38.5582



93.9884, -29.9919, 21.5309



80.8332, -22.1698, 45.6403



43.1688, -15.2148, 10.8431

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.3127, -55.5814, 38.5582



84.9769, -70.5155, 49.0846



73.4499, -48.5994, 21.9259



38.2289, -6.6340, 5.0878



54.8231, -46.9137, 32.7491



13.9647, -11.8738, 8.1775

Inverse Universe

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



48.7455, 72.7897, -45.2567



54.3345, 97.9265, -60.4679



45.5794, 60.0735, -1.8456



36.4219, 2.8705, -1.1598



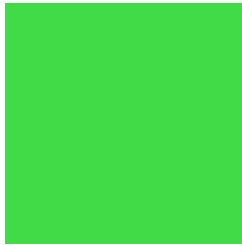
34.2125, 66.7010, -40.7679



8.7242, 17.0333, -10.5863

Previews

White Background



This preview shows how the HunterLab color 72.3112, -55.5804, 38.5579 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 72.3112, -55.5804, 38.5579 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 72.3112, -55.5804, 38.5579 Background



This preview shows how black text looks on a background with the HunterLab color 72.3112, -55.5804, 38.5579.



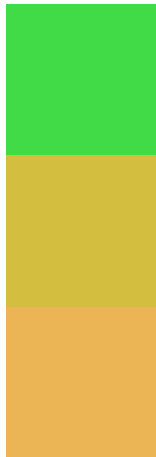
This preview shows how white text looks on a background with the HunterLab color 72.3112, -55.5804, 38.5579.

-55.5804, 38.5579.

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

72.3112, -55.5804, 38.5579

Protanopia

71.5501, -9.2308, 39.9079

Deuteranopia

71.3867, 5.6525, 36.9491



Tritanopia

72.1172, -24.8584, -12.2363

Trichromacy



Original Color

72.3112, -55.5804, 38.5579



Protanomaly

70.3914, -31.3936, 38.3525



Deuteranomaly

69.3984, -23.2049, 35.8728



Tritanomaly

71.5252, -39.2315, 13.0813

Monochromacy



Original Color

72.3112, -55.5804, 38.5579



Achromatopsia

57.6586, -3.0765, 3.1327



Achromatomaly

61.5888, -26.6579, 18.8062

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.3112, -55.5804, 38.5579 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(66, 219, 72)` looks like.

```
.text, #text, p{  
    color:rgb(66, 219, 72)  
}
```

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(66, 219, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 219, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 72.3112, -55.5804, 38.5579 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(66, 219, 72) }
```


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

```
.border{ border-color:rgb(66, 219, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 219, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 219, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 219, 72);  
box-shadow:4px 4px 4px 4px rgb(66, 219,  
72) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.3112, -55.5804, 38.5579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 219, 72) }
```

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

```
.background{ background-color: rgb(66, 219,  
72) }
```

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