

Converting Colors

HunterLab(72.6599, -59.3641,
39.8536)

Have a look what the booklet for
HunterLab(72.6599, -59.3641,
39.8536) contains.

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Color

**HunterLab(72.7494,
-59.4793, 39.9540)**

Conversions

Conversions Part 1

Format	Color
Hex	21DE3F
RGB	33, 222, 63
RGB Percent	13%, 87%, 25%
CMY	0.8706, 0.1294, 0.7529
CMYK	0.85, 0.00, 0.72, 0.13
HSL	130°, 74%, 50%
HSV	130°, 85%, 87%
XYZ	27.6456, 52.9248, 13.4610
YIQ	147.3630, -61.6050, -89.5170

Conversions

Conversions Part 2

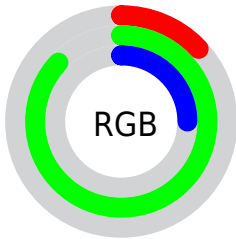
Format	Color
RYB	33, 196, 222
Decimal	2219583
CIELab	77.83, -73.16, 62.14
CIELCh	78, 95.990, 139.655
Yxy	52.9269, 0.2940, 0.5628
Android (android.graphics.Color)	4280409663 (0xFF21DE3F)
YUV	147.3630, -41.5910, -100.2964
Hunter-Lab	72.7494, -59.4793, 39.9540

Details

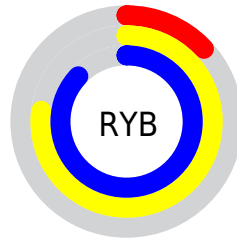
The HunterLab color **72.7494, -59.4793, 39.9540** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **45.1926, 79.6287, -36.1833**, and the grayscale version is **54.3433, -2.8996, 2.9526**.

A 20% lighter version of the original color is **87.5407, -58.5316, 41.0970**, and **51.8751, -44.4829, 31.1864** is the 20% darker color. If you saturate the color by 10%, you get **72.4560, -60.9753, 41.6030**, and if you desaturate by 10%, it is **73.2577, -57.0039, 37.7338**.

Distribution



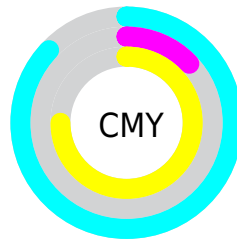
- Red (13%)
- Green (87%)
- Blue (25%)



- Red (13%)
- Yellow (77%)
- Blue (87%)



- Cyan (85%)
- Magenta (0%)
- Yellow (72%)
- Black (13%)



- Cyan (87%)
- Magenta (13%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.7494, -59.4793, 39.9540 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 72.7494, -59.4793, 39.9540 by changing the saturation by 10% instead.

■ 72.7494, -59.4793,
39.9540

■ 72.7494, -59.4793,
39.9540

199.5006,
-96.0177, 72.7317

■ 61.4365, -54.6385,
35.6584

■ 97.2095, -68.5123,
48.0199

■ 50.7784, -49.5145,
31.1497

■ 110.2964,
-72.7722, 51.8374

■ 40.8196, -44.0370,
26.3995

■ 123.9231,
-76.8952, 55.5370

■ 31.6135, -38.1066,
21.7250

■ 138.0688,
-80.9005, 59.1343

■ 23.2272, -31.5806,
16.2591

■ 152.7152,
-84.8037, 62.6422

■ 15.7508, -26.5397,
11.0255

167.8458,

■ 9.3115, -16.2951,

-88.6174, 66.0717

6.5180

183.4455,
-92.3524, 69.4322

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.7494, -59.4793,
39.9540

■ 72.7494, -59.4793,
39.9540

■ 72.4560, -60.9753,
41.6030

■ 73.2577, -57.0039,
37.7338

■ 72.3654, -61.4475,
42.1971


■ 74.0042, -53.4490,
34.9331


■ 75.0094, -48.7723,
31.5630


■ 76.2852, -42.9758,
27.6519


■ 77.8380, -36.0993,

23.2432

 79.6688, -28.2125,
18.3909

 81.7744, -19.4062,
13.1558

 84.1484, -9.7836,
7.6006

 86.7813, 0.5469,
1.7868

Harmonies

Analogous

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



72.7509, -31.1480, 46.8913



72.7494, -59.4793, 39.9540



72.7509, -71.7250, 17.4301

Triad

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



72.7509, -59.4803, 39.9543



72.7509, -19.0045, -135.6238



72.7509, 98.7521, 26.8404

Complementary

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



72.7494, -59.4793, 39.9540



45.1926, 79.6287, -36.1833

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.



72.7509, 104.3234, -12.7094



72.7494, -59.4793, 39.9540



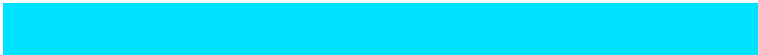
72.7509, 28.0958, -126.9540

Square

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



72.7509, -59.4803, 39.9543



72.7509, -52.4858, -92.9129



72.7509, 75.9404, -73.6133



72.7509, 62.1980, 43.2059

Rectangle

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



72.7494, -59.4793, 39.9540



72.7509, -71.8330, -11.5019



72.7509, 75.9404, -73.6133



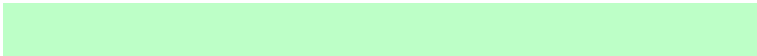
72.7509, 104.6034, 16.6316

Sweetspot

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



72.7509, -59.4803, 39.9543



92.9701, -34.0464, 22.1458



79.8611, -31.2277, 47.5951



42.6548, -17.2820, 11.1798

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.7509, -59.4803, 39.9543



84.6620, -71.9377, 49.4728



74.1372, -50.9174, 19.6903



39.2079, -6.6199, 4.7342



55.7804, -47.2972, 32.3804



14.7233, -12.2165, 7.9691

Inverse Universe

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



45.1926, 79.6287, -36.1833



51.1288, 97.1069, -40.9706



41.8590, 67.1653, 10.1952



37.2777, 2.7429, -0.6349



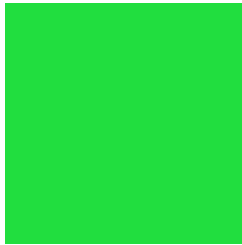
33.7090, 64.0720, -27.3982



8.9319, 17.0697, -7.9764

Previews

White Background



This preview shows how the HunterLab color 72.7494, -59.4793, 39.9540 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 72.7494, -59.4793, 39.9540 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 72.7494, -59.4793, 39.9540 Background



This preview shows how black text looks on a background with the HunterLab color 72.7494, -59.4793, 39.9540.



This preview shows how white text looks on a background with the HunterLab color 72.7494, -59.4793, 39.9540.

-59.4793, 39.9540.

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

72.7494, -59.4793, 39.9540

Protanopia

71.9955, -9.3354, 41.2233

Deuteranopia

71.8348, 5.5501, 38.4124



Tritanopia

72.4157, -26.9305, -13.5880

Trichromacy



Original Color

72.7494, -59.4793, 39.9540



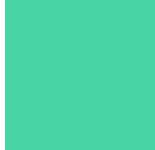
Protanomaly

69.8874, -35.2154, 39.0518



Deuteranomaly

69.0995, -27.8070, 36.6835



Tritanomaly

71.5411, -42.8409, 13.8319

Monochromacy



Original Color

72.7494, -59.4793, 39.9540



Achromatopsia

54.0158, -2.8821, 2.9348



Achromatomaly

58.8194, -29.3959, 19.0744

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.7494, -59.4793, 39.9540 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(33, 222, 63)` looks like.

```
.text, #text, p{  
    color:rgb(33, 222, 63)  
}
```

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(33, 222, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 222, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 72.7494, -59.4793, 39.9540 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(33, 222, 63) }
```


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

```
.border{ border-color:rgb(33, 222, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 222, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 222, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 222, 63);  
box-shadow:4px 4px 4px 4px rgb(33, 222,  
63) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.7494, -59.4793, 39.9540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 222, 63) }
```

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

```
.background{ background-color: rgb(33, 222,  
63) }
```

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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