

Converting Colors

HunterLab(79.3219, -64.5264,
40.1485)

Have a look what the booklet for
HunterLab(79.3219, -64.5264,
40.1485) contains.

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Color

**HunterLab(79.4310,
-64.6392, 40.2556)**

Conversions

Conversions Part 1

Format	Color
Hex	00F05C
RGB	0, 240, 92
RGB Percent	0%, 94%, 36%
CMY	1.0000, 0.0588, 0.6392
CMYK	1.00, 0.00, 0.62, 0.06
HSL	143°, 100%, 47%
HSV	143°, 100%, 94%
XYZ	33.0918, 63.0928, 20.5592
YIQ	151.3680, -95.5320, -96.9080

Conversions

Conversions Part 2

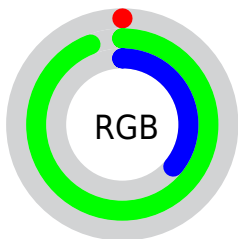
Format	Color
RYB	0, 173, 240
Decimal	61532
CIELab	83.49, -77.09, 56.80
CIELCh	83, 95.757, 143.620
Yxy	63.0954, 0.2835, 0.5404
Android (android.graphics.Color)	4278251612 (0xFF00F05C)
YUV	151.3680, -29.2684, -132.7497
Hunter-Lab	79.4310, -64.6392, 40.2556

Details

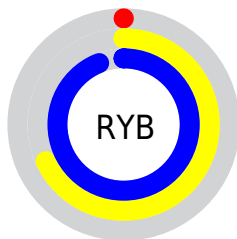
The HunterLab color **79.4310, -64.6392, 40.2556** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated green. A complement of this color would be **45.4582, 82.5515, -7.0893**, and the grayscale version is **55.9234, -2.9839, 3.0384**.

A 20% lighter version of the original color is **87.8278, -56.4765, 34.4959**, and **57.9459, -48.9410, 33.2222** is the 20% darker color. If you saturate the color by 10%, you get **79.4325, -64.6406, 40.2567**, and if you desaturate by 10%, it is **79.7335, -63.0107, 37.7248**.

Distribution



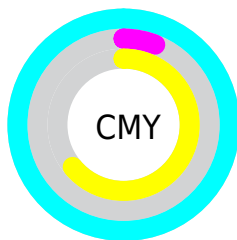
- Red (0%)
- Green (94%)
- Blue (36%)



- Red (0%)
- Yellow (68%)
- Blue (94%)



- Cyan (100%)
- Magenta (0%)
- Yellow (62%)
- Black (6%)





- Cyan (100%)
- Magenta (6%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 79.4310, -64.6392, 40.2556 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 79.4310, -64.6392, 40.2556 by changing the saturation by 10% instead.


 79.4310, -64.6392,
40.2556


 79.4310, -64.6392,
40.2556


208.7859,
-102.2859, 70.1476


 67.7631, -59.6918,
36.3965


 104.5501,
-73.9079, 47.5373


 56.7287, -54.4748,
32.3559


 117.9452,
-78.2913, 51.0008


 46.3682, -48.9264,
28.1024


 131.8680,
-82.5395, 54.3681

 36.7288, -42.9605,
23.6027

 146.2993,
-86.6706, 57.6520

 27.8691, -36.4565,
19.3672

 161.2218,
-90.6994, 60.8636

 19.8649, -29.4625,
13.9054

176.6196,

 12.8198, -22.4347,

-94.6382, 64.0117

8.9739

192.4787,
-98.4975, 67.1042

■ 6.2181, -10.8817,
4.3527

0.0000, NaN, NaN

■ 79.4310, -64.6392,
40.2556

■ 79.4310, -64.6392,
40.2556

■ 79.4325, -64.6406,
40.2567

■ 79.7335, -63.0107,
37.7248

■ 80.2163, -60.5615,
34.8542

■ 80.9257, -57.1248,
31.6898

■ 81.8846, -52.6389,
28.2724

■ 83.1082, -47.0875,
24.6472

■ 84.6056, -40.4915,
20.8620

■ 86.3807, -32.9019,
16.9661

■ 88.4330, -24.3924,
13.0069

■ 90.7584, -15.0520,
9.0287

Harmonies

Analogous

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



79.4326, -37.2737, 49.6236



79.4310, -64.6392, 40.2556



79.4326, -75.5223, 13.2864

Triad

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



79.4326, -64.6401, 40.2560



79.4326, -14.0268, -137.1218



79.4326, 96.5443, 31.6097

Complementary

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



79.4310, -64.6392, 40.2556



45.4582, 82.5515, -7.0893

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.



79.4326, 106.8543, -5.8227



79.4310, -64.6392, 40.2556



79.4326, 35.2606, -121.4604

Square

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



79.4326, -64.6401, 40.2560



79.4326, -51.0091, -100.5433



79.4326, 82.2868, -65.3385



79.4326, 56.7071, 47.0447

Rectangle

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



79.4310, -64.6392, 40.2556



79.4326, -74.3162, -18.6736



79.4326, 82.2868, -65.3385



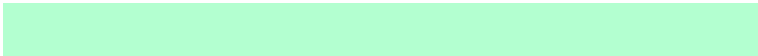
79.4326, 103.9103, 22.0044

Sweetspot

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



79.4326, -64.6401, 40.2560



92.5147, -35.3332, 18.2174



83.0653, -50.5733, 50.2990



42.4132, -17.9938, 9.2500

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.4326, -64.6401, 40.2560



85.0865, -69.2816, 43.2084



81.7783, -50.2432, 6.2452



42.1387, -6.7432, 4.0900



58.7895, -47.6976, 29.4837



17.0120, -13.4119, 7.6889

Inverse Universe

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



45.4582, 82.5515, -7.0893



48.6857, 88.3933, -7.4362



43.1630, 74.1587, 26.0174



39.9033, 2.5588, 0.4183



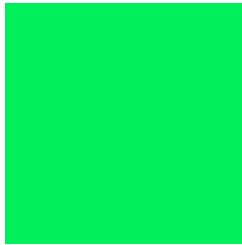
33.6723, 61.2204, -5.8032



9.8112, 18.0144, -3.0589

Previews

White Background



This preview shows how the HunterLab color 79.4310, -64.6392, 40.2556 looks on a white background.

Color Contrast Check

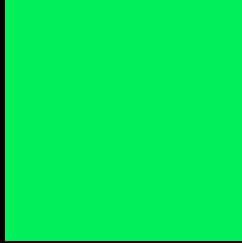
Large Text (above 18pt) WCAG AA × Fail

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 79.4310, -64.6392, 40.2556 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 79.4310, -64.6392, 40.2556 Background



This preview shows how black text looks on a background with the HunterLab color 79.4310, -64.6392, 40.2556.



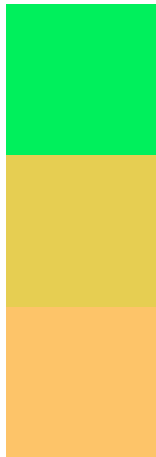
This preview shows how white text looks on a background with the HunterLab color 79.4310, -64.6392, 40.2556.

-64.6392, 40.2556.

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

79.4310, -64.6392, 40.2556

Protanopia

78.4696, -9.4176, 42.1562

Deuteranopia

78.3469, 5.9667, 38.2676



Tritanopia

79.2517, -30.7442, -15.1401

Trichromacy



Original Color

79.4310, -64.6392, 40.2556



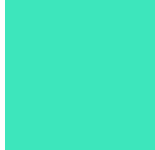
Protanomaly

75.4491, -40.7025, 38.8603



Deuteranomaly

74.5548, -33.4054, 35.7674



Tritanomaly

78.2410, -47.2660, 11.3311

Monochromacy



Original Color

79.4310, -64.6392, 40.2556



Achromatopsia

55.6299, -2.9683, 3.0225



Achromatomaly

61.6161, -33.1252, 17.0659

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.4310, -64.6392, 40.2556 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, 240, 92)` looks like.

```
.text, #text, p{  
    color:rgb(0, 240, 92)  
}
```

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, 240, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 240, 92) }
```

Border

The CSS property to change the border of an element to HunterLab 79.4310, -64.6392, 40.2556 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, 240, 92) }
```


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

```
.border{ border-color:rgb(0, 240, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 240, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 240, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 240, 92);  
box-shadow:4px 4px 4px 4px rgb(0, 240, 92)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 79.4310, -64.6392, 40.2556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 240, 92) }
```

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

```
.background{ background-color: rgb(0, 240,  
92) }
```

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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