

Converting Colors

HunterLab(76.1021, -64.0721,
44.5469)

Have a look what the booklet for
HunterLab(76.1021, -64.0721,
44.5469) contains.

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Color

**HunterLab(76.1687,
-64.1313, 44.5743)**

Conversions

Conversions Part 1

Format	Color
Hex	17E823
RGB	23, 232, 35
RGB Percent	9%, 91%, 14%
CMY	0.9098, 0.0902, 0.8627
CMYK	0.90, 0.00, 0.85, 0.09
HSL	123°, 82%, 50%
HSV	123°, 90%, 91%
XYZ	29.5133, 58.0167, 11.2330
YIQ	147.0510, -61.3270, -105.5750

Conversions

Conversions Part 2

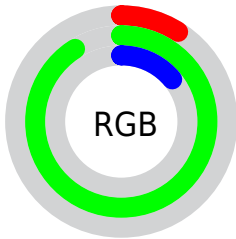
Format	Color
RYB	23, 221, 232
Decimal	1566755
CIELab	80.75, -78.44, 73.00
CIELCh	81, 107.154, 137.054
Yxy	58.0191, 0.2988, 0.5874
Android (android.graphics.Color)	4279756835 (0xFF17E823)
YUV	147.0510, -55.2411, -108.7927
Hunter-Lab	76.1687, -64.1313, 44.5743

Details

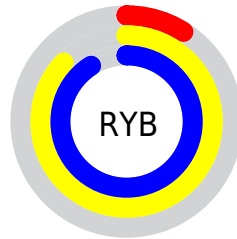
The HunterLab color **76.1687, -64.1313, 44.5743** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **47.8917, 89.5159, -52.7403**, and the grayscale version is **54.2710, -2.8958, 2.9486**.

A 20% lighter version of the original color is **87.3052, -59.9689, 44.5594**, and **55.3714, -47.4810, 33.2884** is the 20% darker color. If you saturate the color by 10%, you get **75.9904, -65.0212, 45.3807**, and if you desaturate by 10%, it is **76.5475, -62.3016, 43.0916**.

Distribution



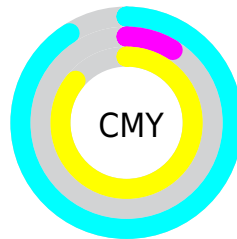
- Red (9%)
- Green (91%)
- Blue (14%)



- Red (9%)
- Yellow (87%)
- Blue (91%)



- Cyan (90%)
- Magenta (0%)
- Yellow (85%)
- Black (9%)



- Cyan (91%)
- Magenta (9%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.1687, -64.1313, 44.5743 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 76.1687, -64.1313, 44.5743 by changing the saturation by 10% instead.

■ 76.1687, -64.1313,
44.5743

■ 76.1687, -64.1313,
44.5743

204.2687,
-102.6680, 82.0164

■ 64.6715, -59.0309,
39.6699

■ 100.9706,
-73.6588, 53.8058

■ 53.8178, -53.6392,
34.5422

■ 114.2173,
-78.1537, 58.1766

■ 43.6500, -47.8877,
29.1774

■ 127.9974,
-82.5044, 62.4103

■ 34.2180, -41.6807,
23.9526

■ 142.2911,
-86.7302, 66.5229

■ 25.5845, -34.8842,
17.9092

■ 157.0804,
-90.8473, 70.5286

■ 17.8315, -28.5170,
12.4821

■ 172.3493,

■ 11.0735, -19.3786,

-94.8689, 74.4394

7.7514

188.0832,
-98.8060, 78.2656

■ 2.8804, -5.0406,
2.0163

0.0000, NaN, NaN

■ 76.1687, -64.1313,
44.5743

■ 76.1687, -64.1313,
44.5743


■ 75.9904, -65.0212,
45.3807


■ 76.5475, -62.3016,
43.0916


■ 77.1727, -59.3189,
40.8691


■ 78.0730, -55.0936,
37.8691


■ 79.2666, -49.5945,
34.0865

 80.7644, -42.8407,
29.5445

 82.5707, -34.8924,
24.2901

 84.6843, -25.8413,
18.3876

 87.0997, -15.7999,
11.9119

 89.8076, -4.8910,
4.9430

Harmonies

Analogous

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



76.1703, -31.1374, 50.4939



76.1687, -64.1313, 44.5743



76.1703, -78.8705, 22.4670

Triad

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



76.1703, -64.1323, 44.5746



76.1703, -25.1252, -158.0911



76.1703, 116.4783, 27.0309

Complementary

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



76.1687, -64.1313, 44.5743



47.8917, 89.5159, -52.7403

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.



76.1703, 119.3574, -20.2849



76.1687, -64.1313, 44.5743



76.1703, 27.4039, -153.4759

Square

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



76.1703, -64.1323, 44.5746



76.1703, -60.7496, -102.9495



76.1703, 83.4260, -92.7938



76.1703, 76.3755, 46.0075

Rectangle

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



76.1687, -64.1313, 44.5743



76.1703, -79.8633, -8.4339



76.1703, 83.4260, -92.7938



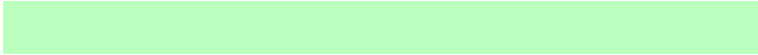
76.1703, 122.1474, 14.8900

Sweetspot

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



76.1703, -64.1323, 44.5746



92.5745, -35.9947, 25.1744



85.5784, -26.6993, 51.7040



42.4760, -18.1820, 12.6489

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.1703, -64.1323, 44.5746



84.5893, -72.3939, 50.5483



77.2860, -57.1973, 28.1899



40.1280, -6.9573, 5.2799



56.6239, -48.4132, 33.7353



15.4080, -13.0636, 8.9418

Inverse Universe

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



47.8917, 89.5159, -52.7403



52.5088, 101.9429, -59.2469



43.6519, 74.0923, 5.3148



38.2102, 3.0064, -1.1465



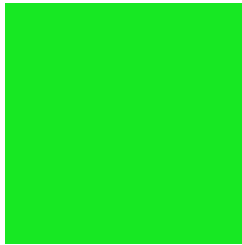
35.1573, 68.2747, -39.8142



9.5801, 18.6396, -11.1226

Previews

White Background



This preview shows how the HunterLab color 76.1687, -64.1313, 44.5743 looks on a white background.

Color Contrast Check

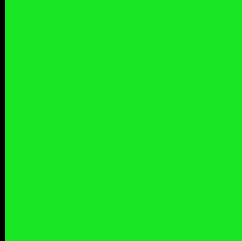
Large Text (above 18pt) WCAG AA × Fail

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 76.1687, -64.1313, 44.5743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

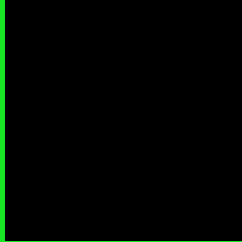
Any Text WCAG AA ✓ Pass

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 76.1687, -64.1313, 44.5743 Background



This preview shows how black text looks on a background with the HunterLab color 76.1687, -64.1313, 44.5743.



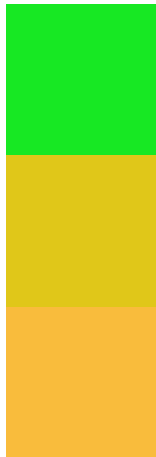
This preview shows how white text looks on a background with the HunterLab color 76.1687, -64.1313, 44.5743.

-64.1313, 44.5743.

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

76.1687, -64.1313, 44.5743

Protanopia

75.3421, -10.2158, 45.5229

Deuteranopia

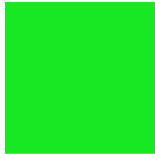
75.1215, 6.0351, 43.0211



Tritanopia

75.9260, -28.4651, -13.9127

Trichromacy



Original Color

76.1687, -64.1313, 44.5743



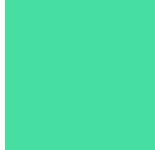
Protanomaly

72.9771, -38.9736, 43.3415



Deuteranomaly

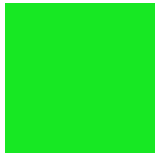
71.8611, -31.0518, 41.1528



Tritanomaly

74.9369, -47.4053, 18.6680

Monochromacy



Original Color

76.1687, -64.1313, 44.5743



Achromatopsia

54.0158, -2.8821, 2.9348



Achromatomaly

59.7546, -32.8733, 22.7154

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.1687, -64.1313, 44.5743 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(23, 232, 35)` looks like.

```
.text, #text, p{  
    color:rgb(23, 232, 35)  
}
```

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(23, 232, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 232, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 76.1687, -64.1313, 44.5743 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(23, 232, 35) }
```


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

```
.border{ border-color:rgb(23, 232, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 232, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 232, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 232, 35);  
box-shadow:4px 4px 4px 4px rgb(23, 232,  
35) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.1687, -64.1313, 44.5743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 232, 35) }
```

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

```
.background{ background-color: rgb(23, 232,  
35) }
```

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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