

Converting Colors

HunterLab(76.1213, -65.2740,
45.7627)

Have a look what the booklet for
HunterLab(76.1213, -65.2740,
45.7627) contains.

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Color

**HunterLab(75.9692,
-65.1436, 45.6714)**

Conversions

Conversions Part 1

Format	Color
Hex	00E800
RGB	0, 232, 0
RGB Percent	0%, 91%, 0%
CMY	1.0000, 0.0902, 0.9999
CMYK	1.00, 0.00, 1.00, 0.09
HSL	120°, 100%, 45%
HSV	120°, 100%, 91%
XYZ	28.8566, 57.7132, 9.6189
YIQ	136.1840, -63.8000, -121.3360

Conversions

Conversions Part 2

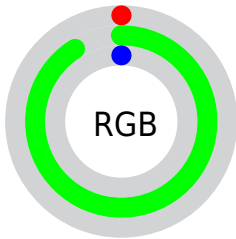
Format	Color
RYB	0, 232, 232
Decimal	59392
CIELab	80.58, -80.24, 77.44
CIELCh	81, 111.513, 136.017
Yxy	57.7156, 0.3000, 0.6000
Android (android.graphics.Color)	4278249472 (0xFF00E800)
YUV	136.1840, -67.1387, -119.4334
Hunter-Lab	75.9692, -65.1436, 45.6714

Details

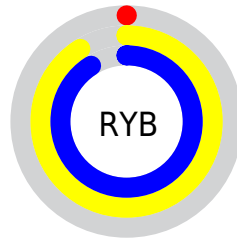
The HunterLab color **75.9692, -65.1436, 45.6714** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **47.9386, 94.2460, -63.2059**, and the grayscale version is **49.9705, -2.6663, 2.7150**.

A 20% lighter version of the original color is **87.0549, -61.2665, 46.4292**, and **55.0201, -47.1797, 33.0772** is the 20% darker color. If you saturate the color by 10%, you get **75.9708, -65.1446, 45.6716**, and if you desaturate by 10%, it is **76.1333, -64.3670, 45.1454**.

Distribution



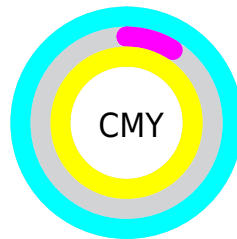
- Red (0%)
- Green (91%)
- Blue (0%)



- Red (0%)
- Yellow (91%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (100%)
- Black (9%)





- Cyan (100%)
- Magenta (9%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 75.9692, -65.1436, 45.6714 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 75.9692, -65.1436, 45.6714 by changing the saturation by 10% instead.


 75.9692, -65.1436,
45.6714

 75.9692, -65.1436,
45.6714


203.9915,
-104.4930, 85.1511


 64.4826, -59.9247,
40.4985


 100.7515,
-74.8853, 55.4168


 53.6401, -54.4051,
35.1000


 113.9890,
-79.4782, 60.0309

 43.4843, -48.5143,
29.5079


 127.7602,
-83.9218, 64.4984

 34.0653, -42.1543,
23.8457

 142.0453,
-88.2361, 68.8361

 25.4459, -35.1885,
17.8121

 156.8264,
-92.4378, 73.0584

 17.7087, -28.9059,
12.3961

 172.0873,

 10.9687, -19.1952,

-96.5405, 77.1780

7.6781

187.8135,
-100.5557, 81.2057

■ 2.5349, -4.4360,
1.7744

0.0000, NaN, NaN

■ 75.9692, -65.1436,
45.6714

■ 75.9692, -65.1436,
45.6714

■ 75.9708, -65.1446,
45.6716

■ 76.1333, -64.3670,
45.1454

■ 76.4894, -62.6702,
43.9974

■ 77.0975, -59.7943,
42.0520

■ 77.9869, -55.6354,
39.2395

■ 79.1770, -50.1543,
35.5334

■ 80.6798, -43.3662,
30.9444

■ 82.5000, -35.3313,
25.5134

■ 84.6366, -26.1441,
19.3048

■ 87.0839, -15.9217,
12.3980

Harmonies

Analogous

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



75.9708, -30.5767, 50.9608



75.9692, -65.1436, 45.6714



75.9708, -80.7047, 24.2992

Triad

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



75.9708, -65.1446, 45.6716



75.9708, -27.5010, -167.0653



75.9708, 123.3328, 26.6079

Complementary

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



75.9692, -65.1436, 45.6714



47.9386, 94.2460, -63.2059

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.



75.9708, 124.8402, -23.7340



75.9692, -65.1436, 45.6714



75.9708, 26.6859, -164.6108

Square

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



75.9708, -65.1446, 45.6716



75.9708, -63.4365, -106.4120



75.9708, 85.7593, -101.0433



75.9708, 82.0821, 46.3573

Rectangle

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



75.9692, -65.1436, 45.6714



75.9708, -82.0613, -6.9347



75.9708, 85.7593, -101.0433



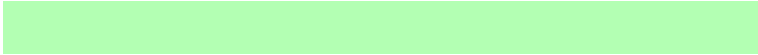
75.9708, 128.8272, 13.7553

Sweetspot

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



75.9708, -65.1446, 45.6716



91.8037, -39.4790, 28.5017



86.5286, -23.2409, 52.9117



42.0564, -20.0901, 14.4199

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.9708, -65.1446, 45.6716



84.5695, -72.5181, 50.8411



76.7962, -59.9907, 33.5142



40.1114, -7.0502, 5.5179



56.6041, -48.5376, 34.0287



15.3872, -13.1942, 9.2498

Inverse Universe

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



47.9386, 94.2460, -63.2059



53.3645, 104.9132, -70.3597



42.9156, 76.4325, 4.9543



38.2299, 3.1117, -1.4257



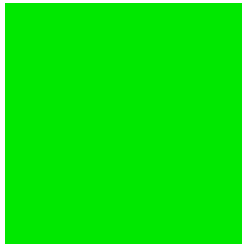
35.7179, 70.2206, -47.0935



9.7096, 19.0889, -12.8026

Previews

White Background



This preview shows how the HunterLab color 75.9692, -65.1436, 45.6714 looks on a white background.

Color Contrast Check

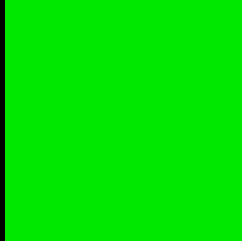
Large Text (above 18pt) WCAG AA × Fail

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 75.9692, -65.1436, 45.6714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

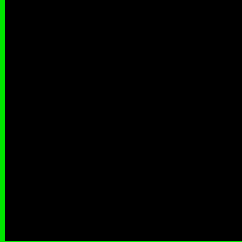
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

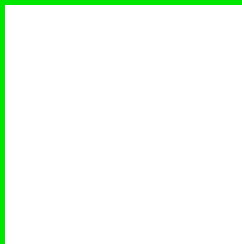
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 75.9692, -65.1436, 45.6714 Background



This preview shows how black text looks on a background with the HunterLab color 75.9692, -65.1436, 45.6714.



This preview shows how white text looks on a background with the HunterLab color 75.9692, -65.1436, 45.6714.

-65.1436, 45.6714.

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

75.9692, -65.1436, 45.6714

Protanopia

75.2955, -10.4750, 46.2134

Deuteranopia

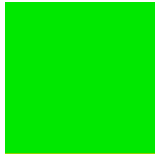
75.0576, 5.6934, 43.9661



Tritanopia

75.8527, -28.7438, -14.0209

Trichromacy



Original Color

75.9692, -65.1436, 45.6714



Protanomaly

72.4073, -41.3620, 43.8929



Deuteranomaly

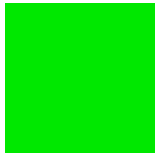
71.1049, -34.1753, 42.0768



Tritanomaly

74.4344, -50.0367, 22.6735

Monochromacy



Original Color

75.9692, -65.1436, 45.6714



Achromatopsia

49.6187, -2.6475, 2.6959



Achromatomaly

56.4271, -34.8040, 24.6865

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.9692, -65.1436, 45.6714 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, 232, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 232, 0)  
}
```

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, 232, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 232, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 75.9692, -65.1436, 45.6714 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, 232, 0) }
```


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

```
.border{ border-color:rgb(0, 232, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 232, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 232, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 232, 0); box-shadow:4px  
4px 4px 4px rgb(0, 232, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.9692, -65.1436, 45.6714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 232, 0) }
```

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

```
.background{ background-color: rgb(0, 232,  
0) }
```

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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