

Converting Colors

HunterLab(74.9802, -55.0624,
45.2385)

Have a look what the booklet for
HunterLab(74.9802, -55.0624,
45.2385) contains.

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Color

**HunterLab(74.8469,
-54.8782, 45.1596)**

Conversions

Conversions Part 1

Format	Color
Hex	64E000
RGB	100, 224, 0
RGB Percent	39%, 88%, 0%
CMY	0.6078, 0.1216, 0.9999
CMYK	0.55, 0.00, 1.00, 0.12
HSL	93°, 100%, 44%
HSV	93°, 100%, 88%
XYZ	31.9111, 56.0206, 9.1311
YIQ	161.3880, -2.0000, -95.9520

Conversions

Conversions Part 2

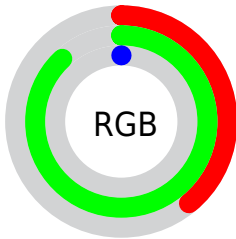
Format	Color
RYB	0, 224, 124
Decimal	6610944
CIELab	79.63, -64.67, 77.33
CIELCh	80, 100.804, 129.905
Yxy	56.0230, 0.3288, 0.5772
Android (android.graphics.Color)	4284801024 (0xFF64E000)
YUV	161.3880, -79.5643, -53.8373
Hunter-Lab	74.8469, -54.8782, 45.1596

Details

The HunterLab color **74.8469, -54.8782, 45.1596** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **31.0970, 70.5562, -114.0653**, and the grayscale version is **60.1766, -3.2109, 3.2695**.

A 20% lighter version of the original color is **89.4307, -51.6280, 48.3660**, and **52.9938, -45.0631, 31.8656** is the 20% darker color. If you saturate the color by 10%, you get **74.8479, -54.8823, 45.1601**, and if you desaturate by 10%, it is **75.3952, -52.5369, 44.9243**.

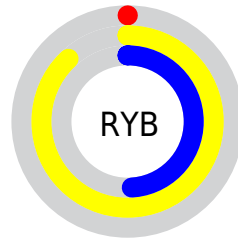
Distribution



Red (39%)

Green (88%)

Blue (0%)



Red (0%)

Yellow (88%)

Blue (49%)

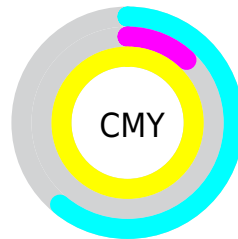


Cyan (55%)

Magenta (0%)

Yellow (100%)

Black (12%)



Cyan (61%)


Magenta (12%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 74.8469, -54.8782, 45.1596 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 74.8469, -54.8782, 45.1596 by changing the saturation by 10% instead.


 74.8469, -54.8782,
45.1596


 74.8469, -54.8782,
45.1596


202.4298,
-87.5356, 84.6992

 63.4203, -50.6137,
39.9726


 99.5179, -62.8787,
54.9279


 52.6414, -46.1167,
34.5586


 112.7034,
-66.6693, 59.5508


 42.5535, -41.3296,
28.9852


 126.4246,
-70.3485, 64.0257

 33.2078, -36.1697,
23.2455

 140.6615,
-73.9321, 68.3695

 24.6686, -30.5154,
17.2680

 155.3961,
-77.4329, 72.5967

 17.0208, -24.6837,
11.9146

 170.6119,

 10.3838, -18.1717,

-80.8614, 76.7203

7.2687

186.2943,
-84.2265, 80.7513

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.8469, -54.8782,
45.1596

■ 74.8469, -54.8782,
45.1596

■ 74.8479, -54.8823,
45.1601

■ 75.3952, -52.5369,
44.9243


■ 76.0572, -49.6531,
44.0749


■ 76.8488, -46.1582,
42.4210


■ 77.7769, -42.0314,
39.8790


■ 78.8458, -37.2690,

36.3981

 80.0581, -31.8810,
31.9530

 81.4147, -25.8880,
26.5393

 82.9152, -19.3189,
20.1697

 84.5581, -12.2089,
12.8709

Harmonies

Analogous

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



74.8485, -19.3590, 49.3542



74.8469, -54.8782, 45.1596



74.8485, -72.9368, 28.5763

Triad

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



74.8485, -54.8795, 45.1599



74.8485, -33.3940, -136.0953



74.8485, 111.6678, 17.7722

Complementary

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



74.8469, -54.8782, 45.1596



31.0970, 70.5562, -114.0653

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.



74.8485, 105.1319, -33.2212



74.8469, -54.8782, 45.1596



74.8485, 12.7118, -146.3731

Square

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



74.8485, -54.8795, 45.1599



74.8485, -62.8981, -77.9974



74.8485, 65.6380, -100.7851



74.8485, 81.7188, 41.5456

Rectangle

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



74.8469, -54.8782, 45.1596



74.8485, -76.2378, 4.2213



74.8485, 65.6380, -100.7851



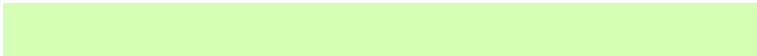
74.8485, 113.8122, 3.9268

Sweetspot

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



74.8485, -54.8795, 45.1599



94.2590, -30.1508, 30.8946



54.8337, 27.2592, 34.2646



43.2911, -15.3485, 15.5833

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



74.8485, -54.8795, 45.1599



86.6518, -63.7296, 52.2787



73.0332, -62.5046, 43.6458



39.5413, -5.5160, 5.8153



57.1607, -41.6309, 34.4933



15.2225, -10.2448, 9.2007

Inverse Universe

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



31.0970, 70.5562, -114.0653



35.9147, 81.6076, -132.6248



45.4344, 88.3559, -52.4361



36.8992, 1.5746, -1.9604



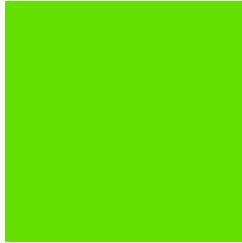
23.8681, 53.9991, -86.3142



6.6915, 14.7042, -20.8296

Previews

White Background



This preview shows how the HunterLab color 74.8469, -54.8782, 45.1596 looks on a white background.

Color Contrast Check

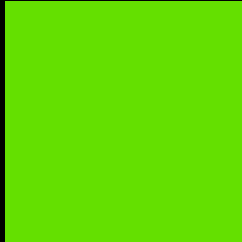
Large Text (above 18pt) WCAG AA × Fail

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 74.8469, -54.8782, 45.1596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

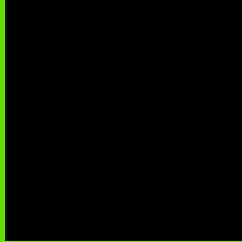
Any Text WCAG AA ✓ Pass

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 74.8469, -54.8782, 45.1596 Background



This preview shows how black text looks on a background with the HunterLab color 74.8469, -54.8782, 45.1596.



This preview shows how white text looks on a background with the HunterLab color 74.8469,

-54.8782, 45.1596.

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

74.8469, -54.8782, 45.1596

Protanopia

74.0621, -10.1654, 45.4588

Deuteranopia

74.0999, 5.3642, 43.6857



Tritanopia

74.5215, -20.6624, -11.1165

Trichromacy



Original Color

74.8469, -54.8782, 45.1596



Protanomaly

73.1367, -29.8688, 44.5436



Deuteranomaly

72.6187, -21.7103, 43.4182



Tritanomaly

73.5807, -39.2754, 23.7130

Monochromacy



Original Color

74.8469, -54.8782, 45.1596



Achromatopsia

59.6993, -3.1854, 3.2436



Achromatomaly

63.8195, -27.2547, 27.1699

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.8469, -54.8782, 45.1596 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(100, 224, 0)` looks like.

```
.text, #text, p{  
    color:rgb(100, 224, 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(100, 224, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 224, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 74.8469, -54.8782, 45.1596 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(100, 224, 0) }
```


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

```
.border{ border-color:rgb(100, 224, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 224, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 224, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 224, 0);  
box-shadow:4px 4px 4px 4px rgb(100, 224,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.8469, -54.8782, 45.1596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 224, 0) }
```

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

```
.background{ background-color: rgb(100,  
224, 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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