

Converting Colors

HunterLab(75.5455, -57.9558,
45.0408)

Have a look what the booklet for
HunterLab(75.5455, -57.9558,
45.0408) contains.

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Color

**HunterLab(75.4430,
-57.8908, 44.9900)**

Conversions

Conversions Part 1

Format	Color
Hex	55E313
RGB	85, 227, 19
RGB Percent	33%, 89%, 7%
CMY	0.6667, 0.1098, 0.9254
CMYK	0.63, 0.00, 0.92, 0.11
HSL	101°, 85%, 48%
HSV	101°, 92%, 89%
XYZ	31.3329, 56.9165, 9.9506
YIQ	160.8300, -17.8640, -94.7920

Conversions

Conversions Part 2

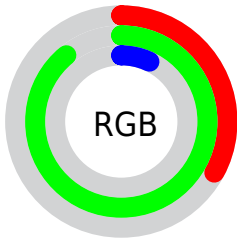
Format	Color
RYB	19, 227, 161
Decimal	5628691
CIELab	80.13, -68.96, 75.66
CIELCh	80, 102.373, 132.350
Yxy	56.9189, 0.3191, 0.5796
Android (android.graphics.Color)	4283818771 (0xFF55E313)
YUV	160.8300, -69.9222, -66.5029
Hunter-Lab	75.4430, -57.8908, 44.9900

Details

The HunterLab color **75.4430, -57.8908, 44.9900** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **36.8675, 74.9290, -92.8478**, and the grayscale version is **59.9140, -3.1969, 3.2552**.

A 20% lighter version of the original color is **88.8099, -54.0088, 47.0191**, and **53.6185, -45.9779, 32.2346** is the 20% darker color. If you saturate the color by 10%, you get **75.0458, -59.6317, 45.1989**, and if you desaturate by 10%, it is **76.0549, -55.1902, 44.2114**.

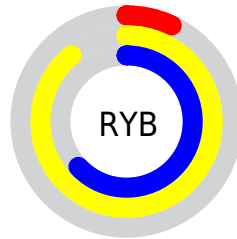
Distribution



Red (33%)

Green (89%)

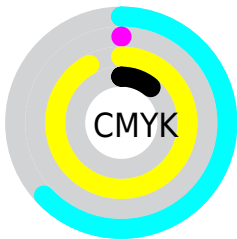
Blue (7%)



Red (7%)

Yellow (89%)

Blue (63%)

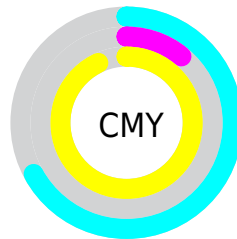


Cyan (63%)

Magenta (0%)

Yellow (92%)

Black (11%)



Cyan (67%)

Magenta (11%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.4430, -57.8908, 44.9900 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 75.4430, -57.8908, 44.9900 by changing the saturation by 10% instead.

■ 75.4430, -57.8908,
44.9900

■ 75.4430, -57.8908,
44.9900

203.2597,
-92.3586, 83.7091

■ 63.9845, -53.3699,
39.9133

■ 100.1732,
-66.3603, 54.5483

■ 53.1717, -48.5988,
34.6106

■ 113.3864,
-70.3675, 59.0725

■ 43.0477, -43.5166,
29.0953

■ 127.1343,
-74.2534, 63.4530

■ 33.6629, -38.0365,
23.5640

■ 141.3968,
-78.0349, 67.7063

■ 25.0809, -32.0329,
17.5567

■ 156.1561,
-81.7257, 71.8469

■ 17.3855, -25.9581,
12.1698

■ 171.3960,

■ 10.6935, -18.7136,

-85.3371, 75.8872

7.4855

187.1016,
-88.8788, 79.8382

■ 1.2177, -2.1310,
0.8524

0.0000, NaN, NaN

■ 75.4430, -57.8908,
44.9900

■ 75.4430, -57.8908,
44.9900

■ 75.0458, -59.6317,
45.1989

■ 76.0549, -55.1902,
44.2114

■ 76.8299, -51.7196,
42.6452

■ 77.7789, -47.4526,
40.2033

■ 78.9082, -42.3862,
36.8351

■ 80.2210, -36.5371,
32.5197

■ 81.7182, -29.9374,
27.2603

■ 83.3990, -22.6314,
21.0797

■ 85.2607, -14.6718,
14.0159

■ 87.2991, -6.1163,
6.1179

Harmonies

Analogous

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



75.4446, -23.2670, 49.7717



75.4430, -57.8908, 44.9900



75.4446, -74.8192, 26.6649

Triad

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



75.4446, -57.8920, 44.9903



75.4446, -30.6929, -142.4360



75.4446, 112.8082, 20.9711

Complementary

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



75.4430, -57.8908, 44.9900



36.8675, 74.9290, -92.8478

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.



75.4446, 109.3263, -28.7000



75.4430, -57.8908, 44.9900



75.4446, 17.3523, -147.9373

Square

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



75.4446, -57.8920, 44.9903



75.4446, -62.1191, -85.4916



75.4446, 71.1057, -97.6649



75.4446, 79.6627, 43.1143

Rectangle

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



75.4430, -57.8908, 44.9900



75.4446, -77.3450, 0.3117



75.4446, 71.1057, -97.6649



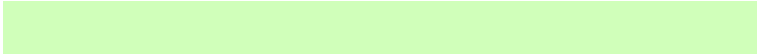
75.4446, 116.0826, 7.7142

Sweetspot

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



75.4446, -57.8920, 44.9903



94.0640, -30.5451, 28.0934



63.8137, 11.3169, 38.9466



43.2209, -15.4289, 14.0812

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.4446, -57.8920, 44.9903



85.5948, -68.1589, 51.5499



74.3926, -62.0488, 42.0036



40.3855, -6.0667, 5.8341



57.3577, -45.3356, 34.5499



15.7461, -11.6784, 9.4982

Inverse Universe

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



36.8675, 74.9290, -92.8478



40.2873, 86.9139, -112.8860



45.4080, 83.5372, -35.9307



37.9130, 2.0481, -1.8495



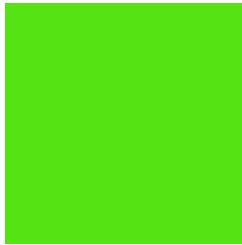
27.1344, 58.3884, -74.8669



7.7020, 16.2932, -19.0785

Previews

White Background



This preview shows how the HunterLab color 75.4430, -57.8908, 44.9900 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 75.4430, -57.8908, 44.9900 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 75.4430, -57.8908, 44.9900 Background



This preview shows how black text looks on a background with the HunterLab color 75.4430, -57.8908, 44.9900.



This preview shows how white text looks on a background with the HunterLab color 75.4430,

-57.8908, 44.9900.

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

75.4430, -57.8908, 44.9900

Protanopia

74.7782, -10.7491, 45.8898

Deuteranopia

74.6566, 5.8244, 43.6177



Tritanopia

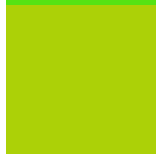
75.1499, -23.1769, -12.0072

Trichromacy



Original Color

75.4430, -57.8908, 44.9900



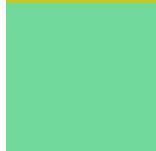
Protanomaly

73.7475, -32.5993, 44.7105



Deuteranomaly

72.9427, -23.7129, 42.9716



Tritanomaly

74.3019, -41.3553, 21.3564

Monochromacy



Original Color

75.4430, -57.8908, 44.9900



Achromatopsia

59.6993, -3.1854, 3.2436



Achromatomaly

63.8660, -28.5268, 25.4231

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.4430, -57.8908, 44.9900 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(85, 227, 19)` looks like.

```
.text, #text, p{  
    color:rgb(85, 227, 19)  
}
```

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(85, 227, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 227, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 75.4430, -57.8908, 44.9900 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(85, 227, 19) }
```


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

```
.border{ border-color:rgb(85, 227, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 227, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 227, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 227, 19);  
box-shadow:4px 4px 4px 4px rgb(85, 227,  
19) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.4430, -57.8908, 44.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 227, 19) }
```

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

```
.background{ background-color: rgb(85, 227,  
19) }
```

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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