

Converting Colors

HunterLab(86.5803, -64.0268,
52.2295)

Have a look what the booklet for
HunterLab(86.5803, -64.0268,
52.2295) contains.

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Color

**HunterLab(86.5822,
-64.0191, 52.2308)**

Conversions

Conversions Part 1

Format	Color
Hex	70FF00
RGB	112, 255, 0
RGB Percent	44%, 100%, 0%
CMY	0.5608, 0.0000, 0.9998
CMYK	0.56, 0.00, 1.00, 0.00
HSL	94°, 100%, 50%
HSV	94°, 100%, 100%
XYZ	42.4421, 74.9648, 12.2327
YIQ	183.1730, -3.3730, -109.6210

Conversions

Conversions Part 2

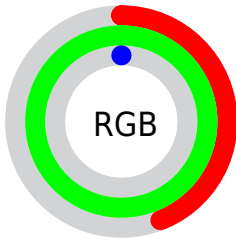
Format	Color
RYB	0, 255, 143
Decimal	7405312
CIELab	89.38, -72.04, 85.18
CIELCh	89, 111.555, 130.224
Yxy	74.9648, 0.3274, 0.5782
Android (android.graphics.Color)	4285595392 (0xFF70FF00)
YUV	183.1730, -90.3043, -62.4187
Hunter-Lab	86.5822, -64.0191, 52.2308

Details

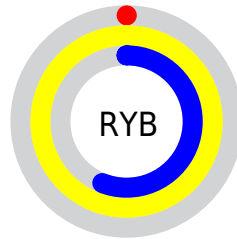
The HunterLab color **86.5822, -64.0191, 52.2308** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **36.1441, 81.8669, -131.4876**, and the grayscale version is **69.2557, -3.6953, 3.7628**.

A 20% lighter version of the original color is **90.3645, -47.7814, 48.0510**, and **63.3555, -53.4890, 38.1029** is the 20% darker color. If you saturate the color by 10%, you get **86.5814, -64.0226, 52.2302**, and if you desaturate by 10%, it is **87.2073, -61.3436, 52.0166**.

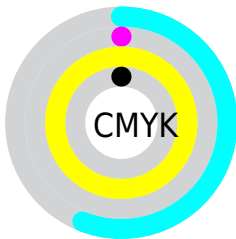
Distribution



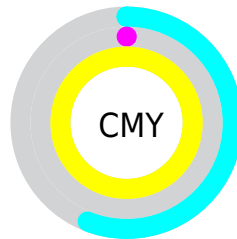
- Red (44%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (56%)



- Cyan (56%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (56%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.5822, -64.0191, 52.2308 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 86.5822, -64.0191, 52.2308 by changing the saturation by 10% instead.

86.5822, -64.0191,
52.2308

86.5822, -64.0191,
52.2308

218.5856,
-98.9364, 94.1555

74.5547, -59.5053,
46.7975

112.3666,
-72.5289, 62.5153

63.1423, -54.7729,
41.1501

126.0747,
-76.5766, 67.4049

52.3802, -49.7726,
35.2824

140.2989,
-80.5117, 72.1487

42.3103, -44.4378,
29.6172

155.0212,
-84.3490, 76.7619

32.9839, -38.6757,
23.0887

170.2252,
-88.1006, 81.2581

24.4658, -32.3528,
17.1261


185.8961,

16.8417, -26.5026,


-91.7769, 85.6490


11.7892


202.0203,
-95.3864, 89.9451


 10.2320, -17.9060,
7.1624


0.0000, NaN, NaN


 86.5822, -64.0191,
52.2308


 86.5822, -64.0191,
52.2308

 86.5814, -64.0226,
52.2302

 87.2073, -61.3436,
52.0166

 87.9701, -58.0207,
51.0771

 88.8868, -53.9727,
49.2002

 89.9657, -49.1737,
46.2847

■ 91.2121, -43.6190,
42.2693

■ 92.6291, -37.3205,
37.1235

■ 94.2179, -30.3031,
30.8422

■ 95.9780, -22.6017,
23.4407

■ 97.9075, -14.2588,
14.9511

Harmonies

Analogous

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



86.5822, -23.0094, 57.1433



86.5822, -64.0191, 52.2308



86.5822, -84.7481, 32.8131

Triad

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



86.5822, -64.0189, 52.2300



86.5822, -38.2862, -158.9352



86.5822, 129.7089, 21.0679

Complementary

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



86.5822, -64.0191, 52.2308



36.1441, 81.8669, -131.4876

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.



86.5822, 122.5773, -37.8617



86.5822, -64.0191, 52.2308



86.5822, 15.4353, -170.1691

Square

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



86.5822, -64.0189, 52.2300



86.5822, -72.7353, -91.6224



86.5822, 76.9407, -116.5130



86.5822, 94.4802, 48.3223

Rectangle

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



86.5822, -64.0191, 52.2308



86.5822, -88.4508, 4.3102



86.5822, 76.9407, -116.5130



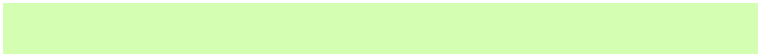
86.5822, 132.3655, 5.1137

Sweetspot

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



86.5822, -64.0189, 52.2300



94.2154, -30.3143, 30.8525



63.3202, 31.9931, 39.5767



43.2688, -15.4330, 15.5625

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.5822, -64.0189, 52.2300



86.5814, -64.0226, 52.2302



84.5865, -72.4118, 50.5922



45.3413, -6.4043, 6.7160



62.6537, -45.9971, 37.8016



19.7116, -13.6848, 11.9066

Inverse Universe

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



36.1441, 81.8669, -131.4876



36.1408, 81.8691, -131.5036



52.6182, 102.3183, -60.6651



42.2851, 1.8915, -2.3045



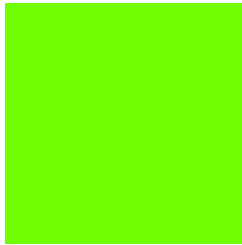
26.2963, 59.3793, -94.2166



8.5907, 18.9876, -27.5934

Previews

White Background



This preview shows how the HunterLab color 86.5822, -64.0191, 52.2308 looks on a white background.

Color Contrast Check

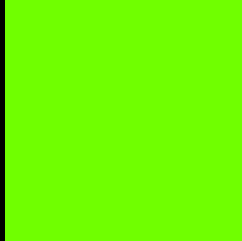
Large Text (above 18pt) WCAG AA × Fail

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 86.5822, -64.0191, 52.2308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

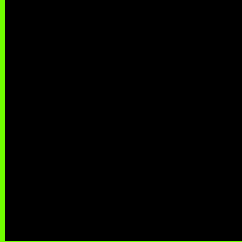
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

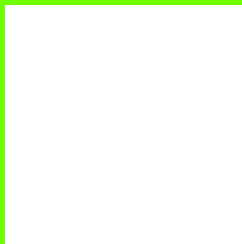
Any Text WCAG AAA ✓ Pass

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

HunterLab 86.5822, -64.0191, 52.2308 Background



This preview shows how black text looks on a background with the HunterLab color 86.5822, -64.0191, 52.2308.



This preview shows how white text looks on a background with the HunterLab color 86.5822, -64.0191, 52.2308.

-64.0191, 52.2308.

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

86.5822, -64.0191, 52.2308

Protanopia

85.6064, -11.8358, 52.5431

Deuteranopia

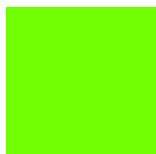
85.7288, 1.0851, 29.2042



Tritanopia

86.4051, -23.8273, -12.0933

Trichromacy



Original Color

86.5822, -64.0191, 52.2308



Protanomaly

84.6735, -35.3369, 51.5568



Deuteranomaly

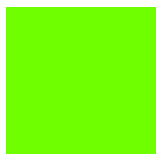
84.1591, -29.2401, 42.3065



Tritanomaly

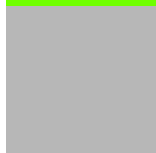
85.3223, -45.7154, 28.0217

Monochromacy



Original Color

86.5822, -64.0191, 52.2308



Achromatopsia

68.8136, -3.6717, 3.7388



Achromatomaly

73.5051, -31.8439, 31.4084

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.5822, -64.0191, 52.2308 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(112, 255, 0)` looks like.

```
.text, #text, p{  
    color:rgb(112, 255, 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(112, 255, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 255, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 86.5822, -64.0191, 52.2308 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(112, 255, 0) }
```


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

```
.border{ border-color:rgb(112, 255, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 255, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 255, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 255, 0);  
box-shadow:4px 4px 4px 4px rgb(112, 255,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.5822, -64.0191, 52.2308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 255, 0) }
```

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

```
.background{ background-color: rgb(112,  
255, 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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