

Converting Colors

HunterLab(87.1789, -43.2880,
52.9611)

Have a look what the booklet for
HunterLab(87.1789, -43.2880,
52.9611) contains.

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Color

**HunterLab(87.1758,
-43.2340, 52.9604)**

Conversions

Conversions Part 1

Format	Color
Hex	BCF500
RGB	188, 245, 0
RGB Percent	74%, 96%, 0%
CMY	0.2627, 0.0392, 0.9998
CMYK	0.23, 0.00, 1.00, 0.04
HSL	74°, 100%, 48%
HSV	74°, 100%, 96%
XYZ	53.3915, 75.9962, 11.8548
YIQ	200.0270, 44.6730, -88.2790

Conversions

Conversions Part 2

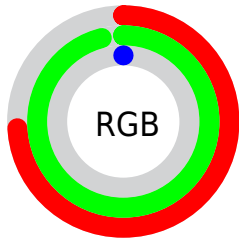
Format	Color
RYB	0, 245, 57
Decimal	12383488
CIELab	89.86, -43.73, 87.01
CIELCh	90, 97.382, 116.684
Yxy	75.9996, 0.3780, 0.5381
Android (android.graphics.Color)	4290573568 (0xFFBCF500)
YUV	200.0270, -98.6133, -10.5477
Hunter-Lab	87.1758, -43.2340, 52.9604

Details

The HunterLab color **87.1758, -43.2340, 52.9604** is a dark color, and the websafe version is hex **CCFF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **27.3220, 70.9116, -169.3947**, and the grayscale version is **76.4068, -4.0769, 4.1513**.

A 20% lighter version of the original color is **96.1418, -25.7354, 52.5474**, and **63.7445, -35.8441, 38.6515** is the 20% darker color. If you saturate the color by 10%, you get **87.1771, -43.2391, 52.9611**, and if you desaturate by 10%, it is **87.6392, -41.3547, 52.6742**.

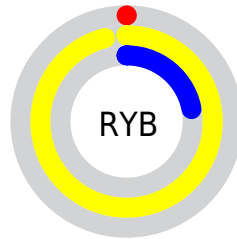
Distribution



Red (74%)

Green (96%)

Blue (0%)



Red (0%)

Yellow (96%)

Blue (22%)

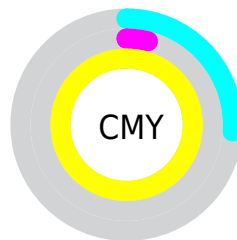


Cyan (23%)

Magenta (0%)

Yellow (100%)

Black (4%)



Cyan (26%)

Magenta (4%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.1758, -43.2340, 52.9604 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 87.1758, -43.2340, 52.9604 by changing the saturation by 10% instead.

87.1758, -43.2340,
52.9604

87.1758, -43.2340,
52.9604

219.3961,
-66.6174, 95.6384

75.1214, -40.3475,
47.4354

113.0161,
-48.7679, 63.4285

63.6785, -37.3521,
41.6954

126.7495,
-51.4376, 68.4063

52.8841, -34.2236,
35.7383

140.9982,
-54.0567, 73.2361

42.7797, -30.9254,
29.9458

155.7441,
-56.6326, 77.9329

33.4160, -27.4049,
23.3912

170.9709,
-59.1719, 82.5103

24.8572, -23.5818,
17.4000


186.6640,

17.1875, -19.3264,


-61.6796, 86.9803


12.0313


202.8098,
-64.1602, 91.3532


 10.5253, -18.4193,
7.3677


0.0000, NaN, NaN


 87.1758, -43.2340,
52.9604


 87.1758, -43.2340,
52.9604

 87.1771, -43.2391,
52.9611

 87.6392, -41.3547,
52.6742

 88.1632, -39.1448,
51.6834

 88.7640, -36.5295,
49.7831

 89.4489, -33.4720,
46.8661

■ 90.2237, -29.9482,
42.8557

■ 91.0926, -25.9437,
37.6989

■ 92.0590, -21.4524,
31.3621

■ 93.1249, -16.4746,
23.8285

■ 94.2919, -11.0165,
15.0961

Harmonies

Analogous

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



87.1778, 0.8898, 55.2800



87.1758, -43.2340, 52.9604



87.1778, -70.5164, 41.1408

Triad

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



87.1778, -43.2363, 52.9608



87.1778, -50.8111, -109.0853



87.1778, 111.4566, -0.6284

Complementary

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



87.1758, -43.2340, 52.9604



27.3220, 70.9116, -169.3947

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.



87.1778, 89.4305, -60.6510



87.1758, -43.2340, 52.9604



87.1778, -10.0670, -141.5963

Square

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



87.1778, -43.2363, 52.9608



87.1778, -74.1595, -46.1747



87.1778, 42.0751, -120.2136



87.1778, 97.1168, 36.2802

Rectangle

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



87.1758, -43.2340, 52.9604



87.1778, -78.9947, 23.0486



87.1778, 42.0751, -120.2136



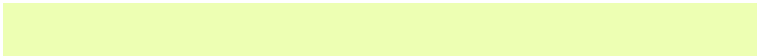
87.1778, 107.9589, -18.6577

Sweetspot

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



87.1778, -43.2363, 52.9608



96.3291, -22.4888, 32.8773



46.8724, 66.2524, 30.0410



44.3629, -11.3511, 16.5752

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.1778, -43.2363, 52.9608



91.2196, -45.2850, 55.4163



81.6026, -65.9376, 49.1280



43.7125, -4.9719, 6.7776



64.0356, -31.5340, 38.9064



19.1050, -8.8772, 11.6170

Inverse Universe

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



27.3220, 70.9116, -169.3947



28.5662, 74.1943, -177.4601



39.7204, 84.6148, -102.9973



40.1407, 0.6457, -2.6426



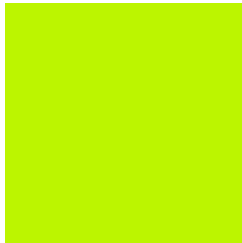
20.1794, 52.1572, -123.3882



6.3460, 15.7864, -34.0276

Previews

White Background



This preview shows how the HunterLab color 87.1758, -43.2340, 52.9604 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 87.1758, -43.2340, 52.9604 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 87.1758, -43.2340, 52.9604 Background



This preview shows how black text looks on a background with the HunterLab color 87.1758, -43.2340, 52.9604.



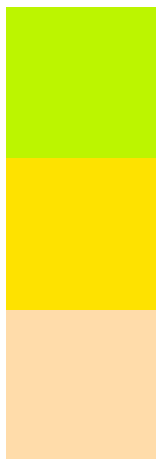
This preview shows how white text looks on a background with the HunterLab color 87.1758,

-43.2340, 52.9604.

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

87.1758, -43.2340, 52.9604

Protanopia

86.8698, -12.1530, 53.3160

Deuteranopia

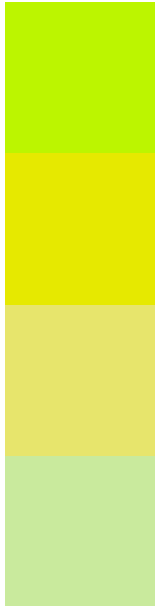
86.8036, 0.4476, 27.5198



Tritanopia

87.0034, -7.2613, -5.9323

Trichromacy



Original Color

87.1758, -43.2340, 52.9604

Protanomaly

86.6607, -24.4209, 52.9724

Deuteranomaly

86.0873, -18.6116, 42.9497

Tritanomaly

85.8472, -26.3161, 30.4075

Monochromacy



Original Color

87.1758, -43.2340, 52.9604

Achromatopsia

75.9987, -4.0551, 4.1292

Achromatomaly

78.9809, -22.6119, 33.1990

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.1758, -43.2340, 52.9604 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(188, 245, 0)` looks like.

```
.text, #text, p{  
    color:rgb(188, 245, 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(188, 245, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 245, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 87.1758, -43.2340, 52.9604 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(188, 245, 0) }
```


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

```
.border{ border-color:rgb(188, 245, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 245, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 245, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 245, 0);  
box-shadow:4px 4px 4px 4px rgb(188, 245,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.1758, -43.2340, 52.9604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 245, 0) }
```

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

```
.background{ background-color: rgb(188,  
245, 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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