

Converting Colors

HunterLab(81.8895, -66.0229,
47.3520)

Have a look what the booklet for
HunterLab(81.8895, -66.0229,
47.3520) contains.

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Color

**HunterLab(81.9595,
-66.0725, 47.4009)**

Conversions

Conversions Part 1

Format	Color
Hex	3FF62F
RGB	63, 246, 47
RGB Percent	25%, 96%, 18%
CMY	0.7529, 0.0353, 0.8156
CMYK	0.74, 0.00, 0.81, 0.04
HSL	115°, 92%, 57%
HSV	115°, 81%, 96%
XYZ	35.5188, 67.1736, 13.7831
YIQ	168.5970, -45.1890, -100.6850

Conversions

Conversions Part 2

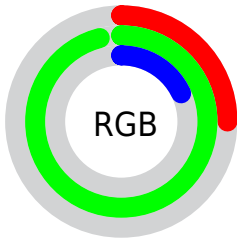
Format	Color
RYB	47, 246, 230
Decimal	4191791
CIELab	85.59, -77.75, 74.74
CIELCh	86, 107.845, 136.133
Yxy	67.1764, 0.3049, 0.5767
Android (android.graphics.Color)	4282381871 (0xFF3FF62F)
YUV	168.5970, -59.9473, -92.6086
Hunter-Lab	81.9595, -66.0725, 47.4009

Details

The HunterLab color **81.9595, -66.0725, 47.4009** 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 **50.5105, 89.3258, -69.6598**, and the grayscale version is **63.0769, -3.3656, 3.4271**.

A 20% lighter version of the original color is **88.3454, -55.4884, 43.5664**, and **59.9720, -51.4260, 36.0542** is the 20% darker color. If you saturate the color by 10%, you get **81.5062, -68.1844, 48.4627**, and if you desaturate by 10%, it is **82.6667, -62.7925, 45.4900**.

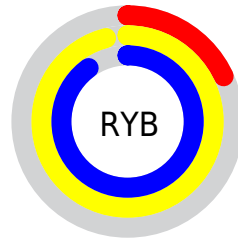
Distribution



Red (25%)

Green (96%)

Blue (18%)



Red (18%)

Yellow (96%)

Blue (90%)

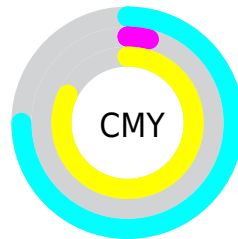


Cyan (74%)

Magenta (0%)

Yellow (81%)

Black (4%)



Cyan (75%)

Magenta (4%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.9595, -66.0725, 47.4009 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 81.9595, -66.0725, 47.4009 by changing the saturation by 10% instead.

81.9595, -66.0725,
47.4009

81.9595, -66.0725,
47.4009

212.2669,
-103.7785, 85.1067

70.1627, -61.1353,
42.4939

107.3187,
-75.3377, 56.6609

58.9918, -55.9364,
37.3719

120.8264,
-79.7248, 61.0553

48.4862, -50.4176,
32.0180

134.8576,
-83.9791, 65.3171

38.6910, -44.4979,
26.6687

149.3934,
-88.1183, 69.4617

29.6619, -38.0641,
20.7633

164.4170,
-92.1568, 73.5023

21.4705, -30.9646,
15.0294

179.9128,

14.2134, -24.8735,

-96.1065, 77.4503

9.9494

195.8671,
-99.9775, 81.3155

■ 7.8688, -13.7703,
5.5081

0.0000, NaN, NaN

■ 81.9595, -66.0725,
47.4009

■ 81.9595, -66.0725,
47.4009

■ 81.5062, -68.1844,
48.4627


■ 82.6667, -62.7925,
45.4900


■ 81.2777, -69.2330,
48.8709


■ 83.6459, -58.2619,
42.6421


■ 84.9148, -52.4568,
38.8177


■ 86.4823, -45.3980,
34.0158

 88.3521, -37.1438,
28.2672

 90.5228, -27.7808,
21.6276

 92.9890, -17.4153,
14.1701

 95.7423, -6.1636,
5.9783

 97.1567, -0.5443,
2.1235

Harmonies

Analogous

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



81.9612, -31.0161, 53.7646



81.9595, -66.0725, 47.4009



81.9612, -82.1734, 24.5984

Triad

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



81.9612, -66.0737, 47.4012



81.9612, -27.5761, -158.4393



81.9612, 119.5044, 27.2368

Complementary

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



81.9595, -66.0725, 47.4009



50.5105, 89.3258, -69.6598

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.



81.9612, 121.1155, -22.5886



81.9595, -66.0725, 47.4009



81.9612, 26.1679, -155.8960

Square

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



81.9612, -66.0737, 47.4012



81.9612, -64.1143, -101.9019



81.9612, 83.6208, -96.2725



81.9612, 79.6608, 48.2728

Rectangle

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



81.9595, -66.0725, 47.4009



81.9612, -83.5561, -6.6816



81.9612, 83.6208, -96.2725



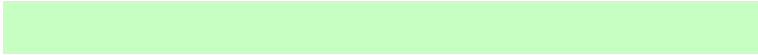
81.9612, 124.8274, 14.2308

Sweetspot

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



81.9612, -66.0737, 47.4012



93.5466, -32.1334, 24.8064



87.2188, -16.2142, 51.6311



42.9052, -16.4789, 12.6202

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



81.9612, -66.0737, 47.4012



84.7213, -71.8490, 50.7933



82.5400, -61.9335, 34.6254



43.0530, -7.3244, 6.0225



59.3989, -50.4966, 35.7173



17.6706, -14.7102, 10.6310

Inverse Universe

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



50.5105, 89.3258, -69.6598



50.0691, 99.3121, -79.4401



49.2697, 79.1405, -10.0031



40.8615, 3.0812, -1.6727



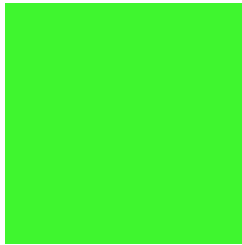
34.9727, 70.0468, -56.1205



10.4626, 20.9010, -16.3657

Previews

White Background



This preview shows how the HunterLab color 81.9595, -66.0725, 47.4009 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 81.9595, -66.0725, 47.4009 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 81.9595, -66.0725, 47.4009 Background



This preview shows how black text looks on a background with the HunterLab color 81.9595, -66.0725, 47.4009.



This preview shows how white text looks on a background with the HunterLab color 81.9595, -66.0725, 47.4009.

-66.0725, 47.4009.

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

81.9595, -66.0725, 47.4009

Protanopia

80.8728, -10.9661, 48.2971

Deuteranopia

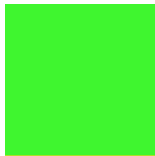
80.7960, 4.1227, 37.2809



Tritanopia

81.6075, -28.4202, -14.7320

Trichromacy



Original Color

81.9595, -66.0725, 47.4009



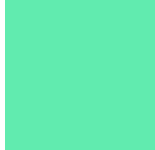
Protanomaly

79.0380, -37.7915, 46.4676



Deuteranomaly

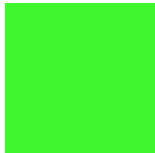
78.5812, -30.1396, 40.2542



Tritanomaly

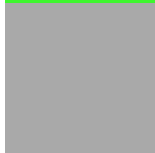
80.6556, -47.3644, 19.0566

Monochromacy



Original Color

81.9595, -66.0725, 47.4009



Achromatopsia

62.9885, -3.3609, 3.4223



Achromatomaly

67.9404, -32.5262, 24.3634

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.9595, -66.0725, 47.4009 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(63, 246, 47)` looks like.

```
.text, #text, p{  
    color:rgb(63, 246, 47)  
}
```

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(63, 246, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 246, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 81.9595, -66.0725, 47.4009 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(63, 246, 47) }
```


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

```
.border{ border-color:rgb(63, 246, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 246, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 246, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 246, 47);  
box-shadow:4px 4px 4px 4px rgb(63, 246,  
47) }
```

Background

The CSS property to change the background color of an element to HunterLab 81.9595, -66.0725, 47.4009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 246, 47) }
```

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

```
.background{ background-color: rgb(63, 246,  
47) }
```

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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