

Converting Colors

HunterLab(66.5576, -48.0645,
40.1050)

Have a look what the booklet for
HunterLab(66.5576, -48.0645,
40.1050) contains.

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Color

**HunterLab(66.4131,
-47.9084, 40.0078)**

Conversions

Conversions Part 1

Format	Color
Hex	5DC903
RGB	93, 201, 3
RGB Percent	36%, 79%, 1%
CMY	0.6353, 0.2117, 0.9881
CMYK	0.54, 0.00, 0.98, 0.21
HSL	93°, 97%, 40%
HSV	93°, 98%, 79%
XYZ	25.4173, 44.1070, 7.2600
YIQ	146.1360, -0.8100, -84.4740

Conversions

Conversions Part 2

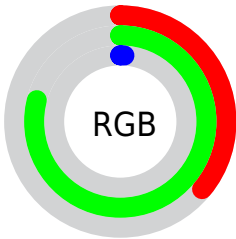
Format	Color
RYB	3, 201, 111
Decimal	6146307
CIELab	72.30, -58.47, 71.14
CIELCh	72, 92.086, 129.418
Yxy	44.1089, 0.3310, 0.5744
Android (android.graphics.Color)	4284336387 (0xFF5DC903)
YUV	146.1360, -70.5660, -46.6003
Hunter-Lab	66.4131, -47.9084, 40.0078

Details

The HunterLab color **66.4131, -47.9084, 40.0078** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **27.6843, 62.0337, -100.2041**, and the grayscale version is **53.9453, -2.8784, 2.9309**.

A 20% lighter version of the original color is **88.8815, -53.9042, 48.4997**, and **45.4118, -38.5754, 27.3072** is the 20% darker color. If you saturate the color by 10%, you get **66.3454, -48.2064, 40.0378**, and if you desaturate by 10%, it is **66.9167, -45.7532, 39.7088**.

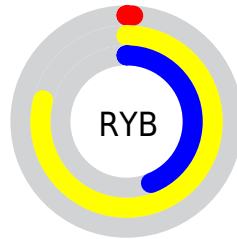
Distribution



Red (36%)

Green (79%)

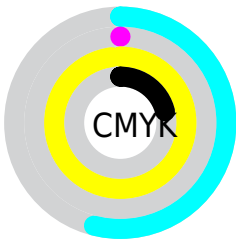
Blue (1%)



Red (1%)

Yellow (79%)

Blue (44%)

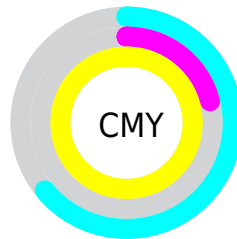


Cyan (54%)

Magenta (0%)

Yellow (98%)

Black (21%)



Cyan (64%)

Magenta (21%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.4131, -47.9084, 40.0078 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 66.4131, -47.9084, 40.0078 by changing the saturation by 10% instead.

66.4131, -47.9084,
40.0078

66.4131, -47.9084,
40.0078

190.5656,
-78.5016, 77.5401

55.4582, -43.8820,
35.0309

90.2117, -55.4284,
49.3344

45.1810, -39.6160,
29.8168

102.9904,
-58.9815, 53.7311

35.6311, -35.0439,
24.7331

116.3213,
-62.4264, 57.9788

26.8689, -30.0665,
18.8082

130.1823,
-65.7794, 62.0959

18.9728, -24.5321,
13.2810

144.5540,
-69.0537, 66.0981

12.0509, -21.0891,
8.4357

159.4187,

5.0474, -8.8329,

-72.2598, 69.9987

3.5332

174.7607,
-75.4066, 73.8094

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.4131, -47.9084,
40.0078

■ 66.4131, -47.9084,
40.0078

■ 66.3454, -48.2064,
40.0378

■ 66.9167, -45.7532,
39.7088

■ 67.5213, -43.1135,
38.8257

■ 68.2388, -39.9425,
37.2218

■ 69.0745, -36.2254,
34.8307

■ 70.0319, -31.9611,

31.6126

■ 71.1130, -27.1595,
27.5487

■ 72.3183, -21.8393,
22.6375

■ 73.6475, -16.0258,
16.8916

■ 75.0990, -9.7492,
10.3351

Harmonies

Analogous

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



66.4145, -16.4079, 43.6779



66.4131, -47.9084, 40.0078



66.4145, -64.0798, 25.5619

Triad

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



66.4145, -47.9096, 40.0081



66.4145, -29.9223, -118.2471



66.4145, 97.9258, 15.1279

Complementary

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



66.4131, -47.9084, 40.0078



27.6843, 62.0337, -100.2041

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.



66.4145, 91.6698, -29.9628



66.4131, -47.9084, 40.0078



66.4145, 10.3732, -128.0443

Square

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



66.4145, -47.9096, 40.0081



66.4145, -55.6556, -67.1894



66.4145, 56.7717, -88.9472



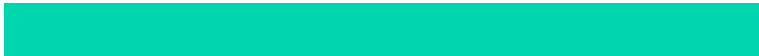
66.4145, 72.1797, 36.4719

Rectangle

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



66.4131, -47.9084, 40.0078



66.4145, -67.1387, 4.4001



66.4145, 56.7717, -88.9472



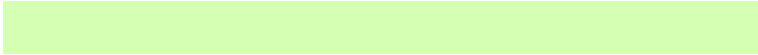
66.4145, 99.6153, 2.8205

Sweetspot

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



66.4145, -47.9096, 40.0081



94.3083, -29.9664, 30.9421



48.2489, 24.8216, 30.0586



43.3164, -15.2532, 15.6069

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.4145, -47.9096, 40.0081



86.7326, -63.3934, 52.3344



64.6651, -55.2563, 38.6256



34.8137, -4.7921, 5.0822



52.6574, -38.0154, 31.7817



11.6439, -7.5094, 7.0435

Inverse Universe

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



27.6843, 62.0337, -100.2041



35.6630, 81.3184, -133.8870



40.4931, 78.5928, -48.7529



32.5081, 1.3167, -1.6814



21.8561, 49.5606, -79.9172



5.1849, 11.3006, -15.4198

Previews

White Background



This preview shows how the HunterLab color 66.4131, -47.9084, 40.0078 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 66.4131, -47.9084, 40.0078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

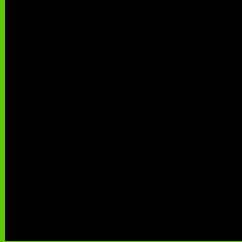
Any Text WCAG AA ✓ Pass

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 66.4131, -47.9084, 40.0078 Background



This preview shows how black text looks on a background with the HunterLab color 66.4131, -47.9084, 40.0078.



This preview shows how white text looks on a background with the HunterLab color 66.4131, -47.9084, 40.0078.

-47.9084, 40.0078.

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

66.4131, -47.9084, 40.0078

Protanopia

66.0200, -9.3452, 40.5176

Deuteranopia

65.8287, 5.0878, 38.6795



Tritanopia

66.2891, -17.8363, -9.4425

Trichromacy



Original Color

66.4131, -47.9084, 40.0078

Protanomaly

65.2638, -26.5214, 39.7248

Deuteranomaly

64.3724, -18.3473, 38.3329

Tritanomaly

65.3380, -33.9280, 20.5028

Monochromacy



Original Color

66.4131, -47.9084, 40.0078

Achromatopsia

53.6135, -2.8607, 2.9129

Achromatomaly

57.0899, -23.5891, 23.7678

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.4131, -47.9084, 40.0078 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(93, 201, 3)` looks like.

```
.text, #text, p{  
    color:rgb(93, 201, 3)  
}
```

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(93, 201, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 201, 3) }
```

Border

The CSS property to change the border of an element to HunterLab 66.4131, -47.9084, 40.0078 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(93, 201, 3) }
```


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

```
.border{ border-color:rgb(93, 201, 3) }
```

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

Here you see how a box with a 4 pixel rgb(93, 201, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 201, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 201, 3);  
box-shadow:4px 4px 4px 4px rgb(93, 201, 3)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 66.4131, -47.9084, 40.0078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 201, 3) }
```

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

```
.background{ background-color: rgb(93, 201,  
3) }
```

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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