

Converting Colors

HunterLab(68.5734, -47.8542,
30.3547)

Have a look what the booklet for
HunterLab(68.5734, -47.8542,
30.3547) contains.

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Color

**HunterLab(68.6897,
-47.9085, 30.4115)**

Conversions

Conversions Part 1

Format	Color
Hex	4DCF67
RGB	77, 207, 103
RGB Percent	30%, 81%, 40%
CMY	0.6980, 0.1882, 0.5961
CMYK	0.63, 0.00, 0.50, 0.19
HSL	132°, 58%, 56%
HSV	132°, 63%, 81%
XYZ	27.8216, 47.1827, 20.4729
YIQ	156.2740, -44.0960, -59.9040

Conversions

Conversions Part 2

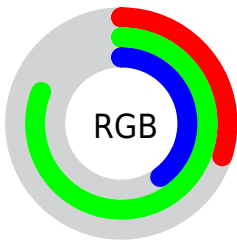
Format	Color
RYB	77, 185, 207
Decimal	5099367
CIELab	74.31, -57.27, 41.12
CIElCh	74, 70.503, 144.319
Yxy	47.1847, 0.2914, 0.4942
Android (android.graphics.Color)	4283289447 (0xFF4DCF67)
YUV	156.2740, -26.2641, -69.5233
Hunter-Lab	68.6897, -47.9085, 30.4115

Details

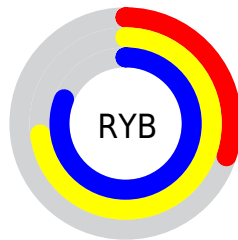
The HunterLab color **68.6897, -47.9085, 30.4115** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **46.8084, 58.1444, -25.5137**, and the grayscale version is **57.8878, -3.0888, 3.1452**.

A 20% lighter version of the original color is **89.0638, -51.1592, 33.0471**, and **47.3087, -38.6963, 24.4024** is the 20% darker color. If you saturate the color by 10%, you get **67.9382, -51.4754, 33.1968**, and if you desaturate by 10%, it is **69.6801, -43.3408, 27.1761**.

Distribution



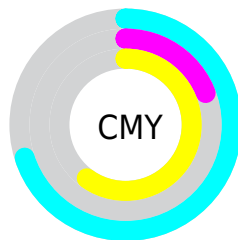
- Red (30%)
- Green (81%)
- Blue (40%)



- Red (30%)
- Yellow (73%)
- Blue (81%)



- Cyan (63%)
- Magenta (0%)
- Yellow (50%)
- Black (19%)



- Cyan (70%)
- Magenta (19%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.6897, -47.9085, 30.4115 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 68.6897, -47.9085, 30.4115 by changing the saturation by 10% instead.

■ 68.6897, -47.9085,
30.4115

■ 68.6897, -47.9085,
30.4115

193.7915,
-77.8074, 53.9177

■ 57.6035, -43.9999,
27.4025

■ 92.7304, -55.2286,
36.0882

■ 47.1865, -39.8692,
24.2425

■ 105.6218,
-58.6953, 38.7945

■ 37.4863, -35.4557,
20.8945

■ 119.0607,
-62.0605, 41.4325

■ 28.5605, -30.6700,
17.3107

■ 133.0257,
-65.3396, 44.0131

■ 20.4831, -25.3757,
14.1789

147.4976,
-68.5446, 46.5452

■ 13.3550, -21.9346,
9.3485

162.4594,

■ 6.9058, -12.0851,

-71.6857, 49.0361

4.8340

177.8954,
-74.7709, 51.4919

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.6897, -47.9085,
30.4115

■ 68.6897, -47.9085,
30.4115

■ 67.9382, -51.4754,
33.1968

■ 69.6801, -43.3408,
27.1761

■ 67.4063, -54.0640,
35.5094

■ 70.9143, -37.7817,
23.5227

■ 67.0733, -55.7454,
37.3425


■ 72.3981, -31.2753,
19.4954

■ 66.9257, -56.5197,
38.3585


■ 74.1313, -23.8888,
15.1439


■ 76.1106, -15.7055,

10.5213

 78.3293, -6.8182,
5.6804

 80.7790, 2.6778,
0.6714

 83.4495, 12.6896,
-4.4602

 85.3924, 20.1565,
-10.9985

Harmonies

Analogous

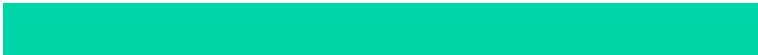
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.6911, -27.8501, 39.0974



68.6897, -47.9085, 30.4115



68.6911, -56.0075, 9.4388

Triad

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



68.6911, -47.9094, 30.4119



68.6911, -9.8256, -87.2697



68.6911, 64.0849, 24.2080

Complementary

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



68.6897, -47.9085, 30.4115



46.8084, 58.1444, -25.5137

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.



68.6911, 71.3839, -2.4953



68.6897, -47.9085, 30.4115



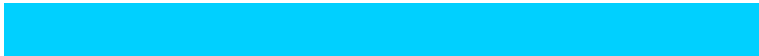
68.6911, 24.4027, -76.9206

Square

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



68.6911, -47.9094, 30.4119



68.6911, -36.8396, -65.3948



68.6911, 55.7067, -41.4931



68.6911, 37.3059, 36.8792

Rectangle

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



68.6897, -47.9085, 30.4115



68.6911, -54.8880, -12.8899



68.6911, 55.7067, -41.4931



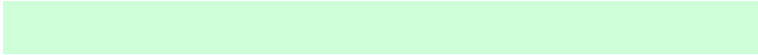
68.6911, 69.0861, 17.0312

Sweetspot

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



68.6911, -47.9094, 30.4119



94.7053, -26.6510, 17.1167



74.1536, -26.9581, 39.6071



43.4913, -13.6807, 8.6908

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.6911, -47.9094, 30.4119



85.7677, -66.3115, 42.9988



70.0233, -39.8396, 11.0819



36.3928, -6.0481, 4.2171



53.1316, -44.7974, 30.2949



12.6094, -10.3062, 6.4876

Inverse Universe

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



46.8084, 58.1444, -25.5137



54.6766, 85.6705, -35.8074



44.5364, 48.4710, 6.2942



34.5931, 2.4409, -0.3909



31.7756, 59.8897, -21.8925



7.5836, 14.4086, -6.1181

Previews

White Background



This preview shows how the HunterLab color 68.6897, -47.9085, 30.4115 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 68.6897, -47.9085, 30.4115 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 68.6897, -47.9085, 30.4115 Background



This preview shows how black text looks on a background with the HunterLab color 68.6897, -47.9085, 30.4115.



This preview shows how white text looks on a background with the HunterLab color 68.6897,

-47.9085, 30.4115.

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

68.6897, -47.9085, 30.4115

Protanopia

67.9229, -7.5343, 32.4782

Deuteranopia

67.9095, 4.9122, 28.5480



Tritanopia

68.4538, -22.4357, -11.5899

Trichromacy



Original Color

68.6897, -47.9085, 30.4115



Protanomaly

66.8270, -25.8939, 30.6914



Deuteranomaly

66.3457, -19.1259, 27.6177



Tritanomaly

68.0531, -33.3389, 7.3464

Monochromacy



Original Color

68.6897, -47.9085, 30.4115



Achromatopsia

57.6586, -3.0765, 3.1327



Achromatomaly

60.8096, -22.4714, 14.0017

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.6897, -47.9085, 30.4115 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(77, 207, 103)` looks like.

```
.text, #text, p{  
    color:rgb(77, 207, 103)  
}
```

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(77, 207, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 207, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 68.6897, -47.9085, 30.4115 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(77, 207, 103) }
```


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

```
.border{ border-color:rgb(77, 207, 103) }
```

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

Here you see how a box with a 4 pixel rgb(77, 207, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 207, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 207, 103);  
box-shadow:4px 4px 4px 4px rgb(77, 207,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.6897, -47.9085, 30.4115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 207, 103) }
```

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

```
.background{ background-color: rgb(77, 207,  
103) }
```

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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