

Converting Colors

HunterLab(66.9693, -49.6113,
29.2687)

Have a look what the booklet for
HunterLab(66.9693, -49.6113,
29.2687) contains.

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Color

**HunterLab(66.9693,
-49.6113, 29.2687)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 33CC66 |
| RGB | 51, 204, 102 |
| RGB Percent | 20%, 80%, 40% |
| CMY | 0.8000, 0.2000, 0.6000 |
| CMYK | 0.75, 0.00, 0.50, 0.20 |
| HSL | 140°, 60%, 50% |
| HSV | 140°, 75%, 80% |
| XYZ | 25.3564, 44.8489, 19.8907 |
| YIQ | 146.6250, -58.4460, -64.1580 |

Conversions

Conversions Part 2

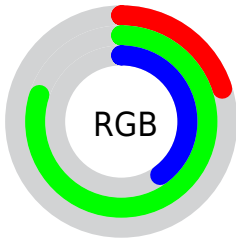
| Format | Color |
|-------------------------------------|--|
| RYB | 51, 166, 204 |
| Decimal | 3394662 |
| CIELab | 72.79, -60.85, 39.61 |
| CIELCh | 73, 72.607, 146.940 |
| Yxy | 44.8507, 0.2814, 0.4978 |
| Android (android.graphics.Color) | 4281584742 (0xFF33CC66) |
| YUV | 146.6250, -22.0001, -83.8631 |
| Hunter-Lab | 66.9693, -49.6113, 29.2687 |

Details

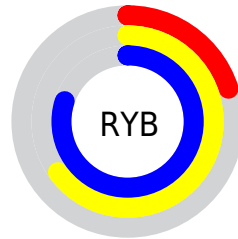
The HunterLab color **66.9693, -49.6113, 29.2687** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **41.8399, 62.6044, -15.8308**, and the grayscale version is **53.9688, -2.8796, 2.9322**.

A 20% lighter version of the original color is **88.2494, -54.4716, 32.5911**, and **46.2901, -37.7816, 23.7011** is the 20% darker color. If you saturate the color by 10%, you get **66.4710, -52.0762, 31.7341**, and if you desaturate by 10%, it is **67.6713, -46.2790, 26.5178**.

Distribution



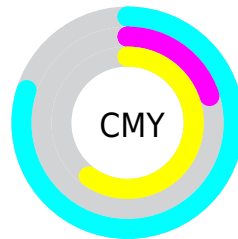
- Red (20%)
- Green (80%)
- Blue (40%)



- Red (20%)
- Yellow (65%)
- Blue (80%)



- Cyan (75%)
- Magenta (0%)
- Yellow (50%)
- Black (20%)





- Cyan (80%)
- Magenta (20%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 66.9693, -49.6113, 29.2687 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 66.9693, -49.6113, 29.2687 by changing the saturation by 10% instead.


 66.9693, -49.6113,
29.2687


 66.9693, -49.6113,
29.2687


191.3553,
-81.2114, 52.1773


 55.9820, -45.4415,
26.3374


 90.8275, -57.3924,
34.7970

 45.6703, -41.0223,
23.2573


 103.6339,
-61.0660, 37.4328

 36.0833, -36.2851,
19.9902


 116.9914,
-64.6259, 40.0026

 27.2807, -31.1289,
16.4867

 130.8780,
-68.0890, 42.5172

 19.3398, -25.4001,
13.5378

 145.2743,
-71.4689, 44.9854

 12.3667, -21.6417,
8.6567

160.1629,

 5.5611, -9.7319,

-74.7767, 47.4143

3.8928

175.5280,
-78.0216, 49.8100

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.9693, -49.6113,
29.2687

■ 66.9693, -49.6113,
29.2687

■ 66.4710, -52.0762,
31.7341

■ 67.6713, -46.2790,
26.5178

■ 66.1503, -53.7411,
33.8861

■ 68.5879, -42.0483,
23.5127


■ 66.0340, -54.3677,
34.8276


■ 69.7301, -36.9251,
20.2913

■ 71.1026, -30.9422,
16.8945


■ 72.7067, -24.1544,

13.3646

 74.5400, -16.6318,
9.7428

 76.5974, -8.4541,
6.0680

 78.8720, 0.2956,
2.3748

 81.3551, 9.5346,
-1.3071

Harmonies

Analogous

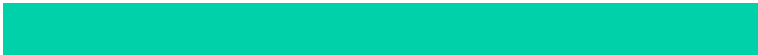
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.9707, -30.4276, 38.5656



66.9693, -49.6113, 29.2687



66.9707, -56.6893, 6.8469

Triad

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



66.9707, -49.6121, 29.2691



66.9707, -6.9943, -91.4635



66.9707, 64.3693, 25.9550

Complementary

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



66.9693, -49.6113, 29.2687



41.8399, 62.6044, -15.8308

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.



66.9707, 74.0000, 0.2776



66.9693, -49.6113, 29.2687



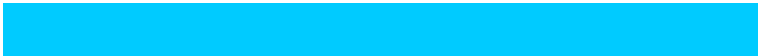
66.9707, 28.3095, -77.6463

Square

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



66.9707, -49.6121, 29.2691



66.9707, -35.3281, -71.1159



66.9707, 59.6914, -39.3422



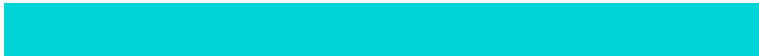
66.9707, 35.4755, 37.4228

Rectangle

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



66.9693, -49.6113, 29.2687



66.9707, -54.8890, -16.8683



66.9707, 59.6914, -39.3422



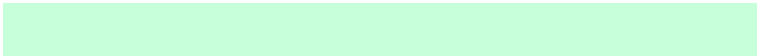
66.9707, 70.1868, 19.2057

Sweetspot

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



66.9707, -49.6121, 29.2691



94.1751, -28.5471, 15.9438



71.0281, -34.2920, 40.5522



43.2835, -14.3955, 7.9642

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.9707, -49.6121, 29.2691



85.2598, -68.4512, 42.5969



68.5741, -39.8551, 6.0649



35.4931, -5.6875, 3.6062



52.4022, -43.0393, 27.4114



11.9611, -9.4085, 5.3599

Inverse Universe

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



41.8399, 62.6044, -15.8308



50.2109, 88.7602, -17.5535



39.7128, 54.1089, 14.3593



33.6715, 2.1576, 0.1765



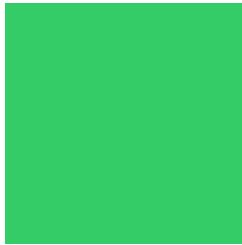
30.3590, 55.7349, -9.4066



6.9943, 13.0126, -3.5005

Previews

White Background



This preview shows how the HunterLab color 66.9693, -49.6113, 29.2687 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 66.9693, -49.6113, 29.2687 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 66.9693, -49.6113, 29.2687 Background



This preview shows how black text looks on a background with the HunterLab color 66.9693, -49.6113, 29.2687.



This preview shows how white text looks on a background with the HunterLab color 66.9693,

-49.6113, 29.2687.

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

66.9693, -49.6113, 29.2687

Protanopia

66.2093, -7.4775, 31.3933

Deuteranopia

66.1965, 4.9298, 27.4064



Tritanopia

66.6914, -24.2389, -12.3812

Trichromacy



Original Color

66.9693, -49.6113, 29.2687



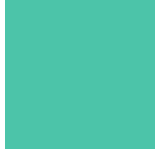
Protanomaly

64.9806, -27.9849, 29.4536



Deuteranomaly

64.4261, -21.4474, 26.2672



Tritanomaly

66.2427, -35.4039, 6.6022

Monochromacy



Original Color

66.9693, -49.6113, 29.2687



Achromatopsia

54.0158, -2.8821, 2.9348



Achromatomaly

57.5228, -23.7651, 12.8968

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.9693, -49.6113, 29.2687 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(51, 204, 102)` looks like.

```
.text, #text, p{  
    color:rgb(51, 204, 102)  
}
```

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(51, 204, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 204, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 66.9693, -49.6113, 29.2687 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(51, 204, 102) }
```


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

```
.border{ border-color:rgb(51, 204, 102) }
```

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

Here you see how a box with a 4 pixel rgb(51, 204, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 204, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 204, 102);  
box-shadow:4px 4px 4px 4px rgb(51, 204,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.9693, -49.6113, 29.2687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 204, 102) }
```

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

```
.background{ background-color: rgb(51, 204,  
102) }
```

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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