

Converting Colors

HunterLab(70.7166, -52.7085,
34.9997)

Have a look what the booklet for
HunterLab(70.7166, -52.7085,
34.9997) contains.

HunterLab(70.7295, -52.6288, 34.9226)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(70.7295,
-52.6288, 34.9226)**

Conversions

Conversions Part 1

Format	Color
Hex	44D658
RGB	68, 214, 88
RGB Percent	27%, 84%, 35%
CMY	0.7333, 0.1608, 0.6549
CMYK	0.68, 0.00, 0.59, 0.16
HSL	128°, 64%, 55%
HSV	128°, 68%, 84%
XYZ	28.1919, 50.0266, 17.4027
YIQ	155.9820, -46.5700, -70.1380

Conversions

Conversions Part 2

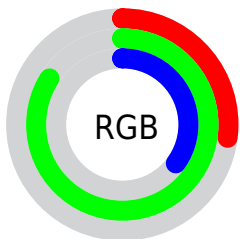
Format	Color
RYB	68, 196, 214
Decimal	4511320
CIELab	76.09, -63.47, 50.23
CIELCh	76, 80.942, 141.642
Yxy	50.0287, 0.2948, 0.5232
Android (android.graphics.Color)	4282701400 (0xFF44D658)
YUV	155.9820, -33.5151, -77.1602
Hunter-Lab	70.7295, -52.6288, 34.9226

Details

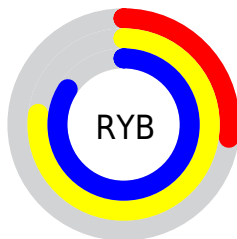
The HunterLab color **70.7295, -52.6288, 34.9226** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **47.2506, 66.6740, -33.7618**, and the grayscale version is **57.7982, -3.0840, 3.1403**.

A 20% lighter version of the original color is **88.5605, -53.7174, 36.7596**, and **49.5673, -41.6722, 28.0034** is the 20% darker color. If you saturate the color by 10%, you get **70.0902, -55.6985, 37.3775**, and if you desaturate by 10%, it is **71.6165, -48.4817, 31.8855**.

Distribution



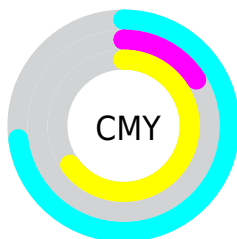
- Red (27%)
- Green (84%)
- Blue (35%)



- Red (27%)
- Yellow (77%)
- Blue (84%)



- Cyan (68%)
- Magenta (0%)
- Yellow (59%)
- Black (16%)



- Cyan (73%)
- Magenta (16%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.7295, -52.6288, 34.9226 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 70.7295, -52.6288, 34.9226 by changing the saturation by 10% instead.

70.7295, -52.6288,
34.9226

70.7295, -52.6288,
34.9226

196.6668,
-85.0832, 62.4154

59.5283, -48.3637,
31.3535

94.9828, -60.6058,
41.6323

48.9889, -43.8539,
27.6016

107.9733,
-64.3773, 44.8170

39.1573, -39.0354,
23.6304

121.5073,
-68.0341, 47.9112

30.0888, -33.8156,
19.4106

135.5639,
-71.5929, 50.9282

21.8541, -28.0564,
15.2979

150.1242,
-75.0670, 53.8788

14.5480, -23.7010,
10.1836

165.1714,

8.2089, -14.3655,

-78.4676, 56.7720

5.7462

180.6902,
-81.8037, 59.6154

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.7295, -52.6288,
34.9226

■ 70.7295, -52.6288,
34.9226

■ 70.0902, -55.6985,
37.3775

■ 71.6165, -48.4817,
31.8855

■ 69.6735, -57.7455,
39.2498

■ 72.7605, -43.2431,
28.2838

■ 69.4458, -58.9061,
40.5576


■ 74.1704, -36.9416,
24.1536


■ 69.4157, -59.0596,
40.7291


■ 75.8488, -29.6366,
19.5435


■ 77.7938, -21.4108,

14.5110

 79.9999, -12.3616,
9.1177

 82.4589, -2.5933,
3.4257

 85.1605, 7.7895,
-2.5060

 87.4785, 16.7071,
-9.4803

Harmonies

Analogous

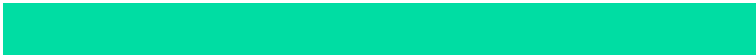
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.7310, -28.8678, 42.8613



70.7295, -52.6288, 34.9226



70.7310, -62.7421, 13.2673

Triad

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



70.7310, -52.6298, 34.9230



70.7310, -14.1355, -105.9530



70.7310, 78.2108, 25.0669

Complementary

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



70.7295, -52.6288, 34.9226



47.2506, 66.6740, -33.7618

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.



70.7310, 84.4947, -7.0716



70.7295, -52.6288, 34.9226



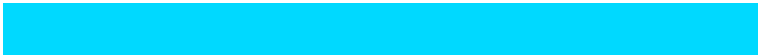
70.7310, 25.3847, -96.6805

Square

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



70.7310, -52.6298, 34.9230



70.7310, -43.8134, -75.7200



70.7310, 63.4845, -54.6443



70.7310, 47.7882, 39.6371

Rectangle

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



70.7295, -52.6288, 34.9226



70.7310, -62.2754, -11.7422



70.7310, 63.4845, -54.6443



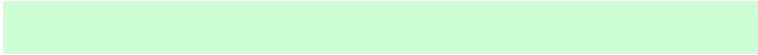
70.7310, 83.4412, 16.5427

Sweetspot

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



70.7310, -52.6298, 34.9230



94.3715, -28.1743, 18.9449



77.4938, -26.2550, 43.1074



43.3423, -14.3750, 9.5811

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.7310, -52.6298, 34.9230



85.2058, -69.2165, 46.7161



72.0268, -44.7163, 16.0456



37.3141, -6.3116, 4.5777



53.9747, -45.8633, 31.5420



13.2903, -11.0469, 7.2352

Inverse Universe

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



47.2506, 66.6740, -33.7618



53.5879, 92.7197, -45.2453



44.5250, 55.5164, 4.0904



35.4994, 2.6220, -0.6865



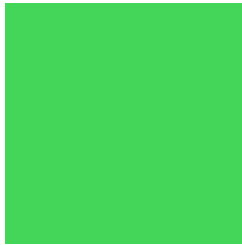
32.8049, 62.6433, -28.9092



8.1078, 15.5642, -7.7796

Previews

White Background



This preview shows how the HunterLab color 70.7295, -52.6288, 34.9226 looks on a white background.

Color Contrast Check

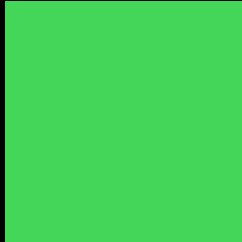
Large Text (above 18pt) WCAG AA × Fail

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 70.7295, -52.6288, 34.9226 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 70.7295, -52.6288, 34.9226 Background



This preview shows how black text looks on a background with the HunterLab color 70.7295, -52.6288, 34.9226.



This preview shows how white text looks on a background with the HunterLab color 70.7295,

-52.6288, 34.9226.

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

70.7295, -52.6288, 34.9226

Protanopia

69.9731, -8.3247, 36.5407

Deuteranopia

69.8714, 5.2596, 33.3412



Tritanopia

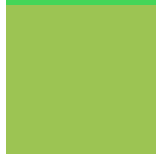
70.5594, -24.2186, -12.1066

Trichromacy



Original Color

70.7295, -52.6288, 34.9226



Protanomaly

68.6821, -29.2011, 34.7458



Deuteranomaly

67.9567, -21.7074, 32.2554



Tritanomaly

70.2283, -37.1407, 10.5173

Monochromacy



Original Color

70.7295, -52.6288, 34.9226



Achromatopsia

57.6586, -3.0765, 3.1327



Achromatomaly

61.1294, -24.8328, 16.4063

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.7295, -52.6288, 34.9226 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(68, 214, 88)` looks like.

```
.text, #text, p{  
    color:rgb(68, 214, 88)  
}
```

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(68, 214, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 214, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 70.7295, -52.6288, 34.9226 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(68, 214, 88) }
```


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

```
.border{ border-color:rgb(68, 214, 88) }
```

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

Here you see how a box with a 4 pixel rgb(68, 214, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 214, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 214, 88);  
box-shadow:4px 4px 4px 4px rgb(68, 214,  
88) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.7295, -52.6288, 34.9226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 214, 88) }
```

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

```
.background{ background-color: rgb(68, 214,  
88) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor