

Converting Colors

HunterLab(68.0338, -53.0402,
33.0351)

Have a look what the booklet for
HunterLab(68.0338, -53.0402,
33.0351) contains.

HunterLab(68.0056, -52.9860, 32.9279)	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(68.0056,
-52.9860, 32.9279)**

Conversions

Conversions Part 1

Format	Color
Hex	27D058
RGB	39, 208, 88
RGB Percent	15%, 82%, 35%
CMY	0.8470, 0.1843, 0.6549
CMYK	0.81, 0.00, 0.58, 0.18
HSL	137°, 68%, 48%
HSV	137°, 81%, 82%
XYZ	25.1540, 46.2476, 16.8334
YIQ	143.7890, -62.2040, -73.1480

Conversions

Conversions Part 2

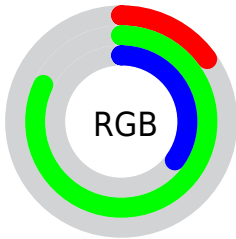
Format	Color
RYB	39, 170, 208
Decimal	2609240
CIELab	73.71, -65.65, 47.32
CIELCh	74, 80.927, 144.213
Yxy	46.2495, 0.2851, 0.5241
Android (android.graphics.Color)	4280799320 (0xFF27D058)
YUV	143.7890, -27.5040, -91.9000
Hunter-Lab	68.0056, -52.9860, 32.9279

Details

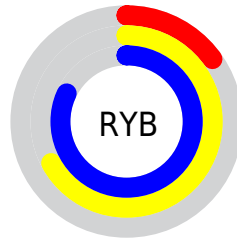
The HunterLab color **68.0056, -52.9860, 32.9279** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **41.6712, 68.4202, -19.7956**, and the grayscale version is **52.8518, -2.8200, 2.8715**.

A 20% lighter version of the original color is **87.7997, -56.7999, 36.0906**, and **47.5161, -39.8334, 26.5977** is the 20% darker color. If you saturate the color by 10%, you get **67.6226, -54.9343, 35.1447**, and if you desaturate by 10%, it is **68.5877, -50.1639, 30.3444**.

Distribution



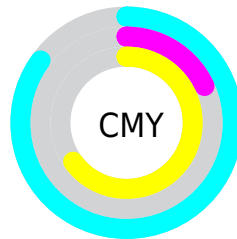
- Red (15%)
- Green (82%)
- Blue (35%)



- Red (15%)
- Yellow (67%)
- Blue (82%)



- Cyan (81%)
- Magenta (0%)
- Yellow (58%)
- Black (18%)





- Cyan (85%)
- Magenta (18%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 68.0056, -52.9860, 32.9279 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 68.0056, -52.9860, 32.9279 by changing the saturation by 10% instead.


 68.0056, -52.9860,
32.9279


 68.0056, -52.9860,
32.9279


192.8240,
-86.6260, 59.2660


 56.9585, -48.5266,
29.5077


 91.9741, -61.2967,
39.3521


 46.5832, -43.7975,
25.9077


 104.8318,
-65.2146, 42.4006


 36.9277, -38.7265,
22.0895


 118.2385,
-69.0074, 45.3630

 28.0505, -33.2088,
18.0406

 132.1725,
-72.6933, 48.2523

 20.0270, -27.0885,
14.0189

 146.6145,
-76.2871, 51.0792

 12.9600, -22.6800,
9.0720

161.5472,

 6.4063, -11.2110,

-79.8007, 53.8524

4.4844

176.9552,
-83.2442, 56.5793

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.0056, -52.9860,
32.9279

■ 68.0056, -52.9860,
32.9279

■ 67.6226, -54.9343,
35.1447

■ 68.5877, -50.1639,
30.3444

■ 67.4114, -56.0602,
36.7594


■ 69.3848, -46.4086,
27.4179


■ 70.4117, -41.7044,
24.1813


■ 71.6764, -36.0685,
20.6742

■ 73.1825, -29.5455,

16.9405

 74.9296, -22.2008,
13.0265

 76.9139, -14.1138,
8.9776

 79.1292, -5.3714,
4.8369

 81.5672, 3.9375,
0.6431

Harmonies

Analogous

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



68.0070, -30.8670, 41.3316



68.0056, -52.9860, 32.9279



68.0070, -61.7417, 10.2901

Triad

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



68.0070, -52.9868, 32.9283



68.0070, -10.7836, -106.7474



68.0070, 75.8536, 26.3346

Complementary

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



68.0056, -52.9860, 32.9279



41.6712, 68.4202, -19.7956

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.



68.0070, 84.4933, -3.6196



68.0056, -52.9860, 32.9279



68.0070, 28.7033, -93.9145

Square

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



68.0070, -52.9868, 32.9283



68.0070, -41.0226, -79.2873



68.0070, 65.6771, -50.1856



68.0070, 44.1276, 39.2344

Rectangle

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



68.0056, -52.9860, 32.9279



68.0070, -60.5750, -15.4860



68.0070, 65.6771, -50.1856



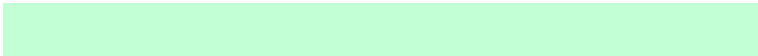
68.0070, 81.8068, 18.5419

Sweetspot

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



68.0070, -52.9868, 32.9283



93.6448, -30.8620, 17.9172



72.6264, -35.0665, 42.5710



42.9566, -15.8238, 9.1121

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.0070, -52.9868, 32.9283



84.9348, -70.2869, 45.8932



69.6419, -42.9778, 9.1948



36.4168, -5.9140, 3.8735



53.2318, -44.1705, 28.8164



12.6420, -10.1027, 6.0073

Inverse Universe

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



41.6712, 68.4202, -19.7956



49.8565, 91.4057, -21.1384



39.2150, 58.9633, 14.9632



34.5661, 2.2964, -0.0077



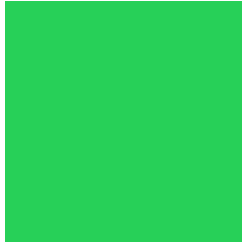
31.1477, 57.6563, -13.3210



7.4557, 13.9559, -4.3899

Previews

White Background



This preview shows how the HunterLab color 68.0056, -52.9860, 32.9279 looks on a white background.

Color Contrast Check

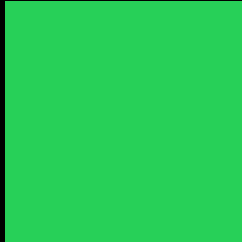
Large Text (above 18pt) WCAG AA × Fail

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 68.0056, -52.9860, 32.9279 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 68.0056, -52.9860, 32.9279 Background



This preview shows how black text looks on a background with the HunterLab color 68.0056, -52.9860, 32.9279.



This preview shows how white text looks on a background with the HunterLab color 68.0056, -52.9860, 32.9279.

-52.9860, 32.9279.

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

68.0056, -52.9860, 32.9279

Protanopia

67.3418, -8.4138, 34.8357

Deuteranopia

67.1325, 4.7778, 31.2450



Tritanopia

67.7180, -25.2134, -12.6719

Trichromacy



Original Color

68.0056, -52.9860, 32.9279



Protanomaly

65.6497, -30.8136, 32.7043



Deuteranomaly

64.7759, -23.8340, 29.8045



Tritanomaly

67.3805, -38.0822, 9.1082

Monochromacy



Original Color

68.0056, -52.9860, 32.9279



Achromatopsia

52.8104, -2.8178, 2.8693



Achromatomaly

56.7070, -25.5776, 14.5574

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.0056, -52.9860, 32.9279 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(39, 208, 88)` looks like.

```
.text, #text, p{  
    color:rgb(39, 208, 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(39, 208, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 208, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 68.0056, -52.9860, 32.9279 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(39, 208, 88) }
```


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

```
.border{ border-color:rgb(39, 208, 88) }
```

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

Here you see how a box with a 4 pixel rgb(39, 208, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 208, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 208, 88);  
box-shadow:4px 4px 4px 4px rgb(39, 208,  
88) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.0056, -52.9860, 32.9279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 208, 88) }
```

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

```
.background{ background-color: rgb(39, 208,  
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](#).

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