

Converting Colors

HunterLab(68.4474, -54.7536,
32.6444)

Have a look what the booklet for
HunterLab(68.4474, -54.7536,
32.6444) contains.

HunterLab(68.4460, -54.7528, 32.6440)	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(68.4460,
-54.7528, 32.6440)**

Conversions

Conversions Part 1

Format	Color
Hex	00D25B
RGB	0, 210, 91
RGB Percent	0%, 82%, 36%
CMY	1.0000, 0.1765, 0.6431
CMYK	1.00, 0.00, 0.57, 0.18
HSL	146°, 100%, 41%
HSV	146°, 100%, 82%
XYZ	24.9349, 46.8485, 17.6260
YIQ	133.6440, -86.9610, -81.5290

Conversions

Conversions Part 2

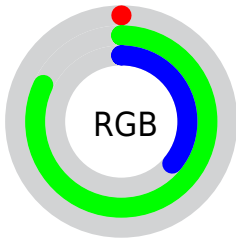
Format	Color
RYB	0, 147, 210
Decimal	53851
CIELab	74.09, -68.25, 46.33
CIELCh	74, 82.491, 145.829
Yxy	46.8505, 0.2789, 0.5240
Android (android.graphics.Color)	4278243931 (0xFF00D25B)
YUV	133.6440, -21.0235, -117.2058
Hunter-Lab	68.4460, -54.7528, 32.6440

Details

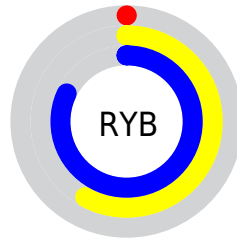
The HunterLab color **68.4460, -54.7528, 32.6440** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **38.7743, 69.8364, -1.5757**, and the grayscale version is **48.7922, -2.6034, 2.6510**.

A 20% lighter version of the original color is **87.4509, -58.1199, 34.9805**, and **48.2262, -40.2696, 26.6520** is the 20% darker color. If you saturate the color by 10%, you get **68.4473, -54.7541, 32.6451**, and if you desaturate by 10%, it is **68.7255, -53.2587, 30.3675**.

Distribution



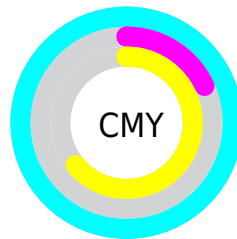
- Red (0%)
- Green (82%)
- Blue (36%)



- Red (0%)
- Yellow (58%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (57%)
- Black (18%)





- Cyan (100%)
- Magenta (18%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 68.4460, -54.7528, 32.6440 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 68.4460, -54.7528, 32.6440 by changing the saturation by 10% instead.


 68.4460, -54.7528,
32.6440

 68.4460, -54.7528,
32.6440


193.4470,
-89.5114, 58.5061


 57.3737, -50.1338,
29.2944


 92.4610, -63.3545,
38.9407


 46.9715, -45.2338,
25.7706


 105.3404,
-67.4066, 41.9314


 37.2872, -39.9785,
22.0341


 118.7679,
-71.3271, 44.8392

 28.3787, -34.2609,
18.0464

 132.7218,
-75.1352, 47.6768

 20.3204, -27.9234,
14.2243

 147.1831,
-78.8461, 50.4544

 13.2140, -23.1244,
9.2498

162.1346,

 6.7323, -11.7814,

-82.4724, 53.1806

4.7126

177.5606,
-86.0246, 55.8625

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.4460, -54.7528,
32.6440

■ 68.4460, -54.7528,
32.6440

■ 68.4473, -54.7541,
32.6451

■ 68.7255, -53.2587,
30.3675

■ 69.1525, -51.1013,
27.8610

■ 69.7687, -48.1315,
25.1711

■ 70.5924, -44.3007,
22.3346

■ 71.6360, -39.5962,

19.3902

■ 72.9071, -34.0350,
16.3770

■ 74.4090, -27.6581,
13.3334

■ 76.1413, -20.5248,
10.2954

■ 78.1008, -12.7062,
7.2953

Harmonies

Analogous

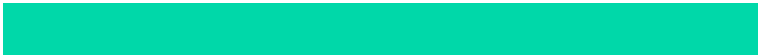
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.4474, -33.0066, 41.6281



68.4460, -54.7528, 32.6440



68.4474, -62.9310, 8.6505

Triad

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



68.4474, -54.7536, 32.6444



68.4474, -8.9553, -110.2379



68.4474, 76.5021, 27.8481

Complementary

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



68.4460, -54.7528, 32.6440



38.7743, 69.8364, -1.5757

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.



68.4474, 86.8929, -1.5944



68.4460, -54.7528, 32.6440



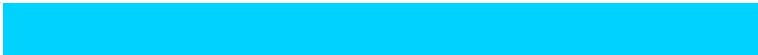
68.4474, 31.6630, -94.7530

Square

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



68.4474, -54.7536, 32.6444



68.4474, -40.4589, -83.8584



68.4474, 68.9637, -48.7799



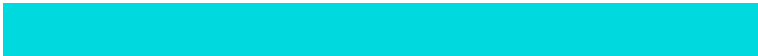
68.4474, 43.0653, 40.1272

Rectangle

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



68.4460, -54.7528, 32.6440



68.4474, -61.2940, -18.3926



68.4474, 68.9637, -48.7799



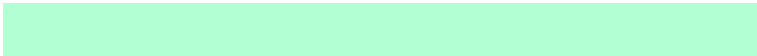
68.4474, 83.0830, 20.2810

Sweetspot

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



68.4474, -54.7536, 32.6444



92.6175, -34.7365, 16.7369



70.9011, -45.6656, 42.8893



42.4657, -17.6865, 8.4918

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.4474, -54.7536, 32.6444



85.2389, -68.3318, 40.9675



70.6564, -41.2454, 0.7231



36.4556, -5.6973, 3.3182



53.4755, -42.6502, 25.2298



12.7071, -9.6987, 5.0538

Inverse Universe

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



38.7743, 69.8364, -1.5757



48.2587, 86.8489, -1.4078



37.0735, 63.6018, 23.0762



34.5237, 2.0690, 0.5954



30.3163, 54.6653, -1.7094



7.2778, 13.3201, -1.9378

Previews

White Background



This preview shows how the HunterLab color 68.4460, -54.7528, 32.6440 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 68.4460, -54.7528, 32.6440 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 68.4460, -54.7528, 32.6440 Background



This preview shows how black text looks on a background with the HunterLab color 68.4460, -54.7528, 32.6440.



This preview shows how white text looks on a background with the HunterLab color 68.4460, -54.7528, 32.6440.

-54.7528, 32.6440.

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

68.4460, -54.7528, 32.6440

Protanopia

67.7763, -8.3469, 34.6342

Deuteranopia

67.5724, 4.8915, 30.9206



Tritanopia

68.2463, -26.4654, -13.0997

Trichromacy



Original Color

68.4460, -54.7528, 32.6440



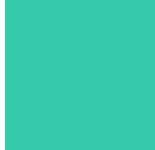
Protanomaly

65.4730, -34.8557, 31.9513



Deuteranomaly

64.4642, -28.2705, 28.8261



Tritanomaly

67.7219, -40.0984, 8.1653

Monochromacy



Original Color

68.4460, -54.7528, 32.6440



Achromatopsia

48.8260, -2.6052, 2.6528



Achromatomaly

53.9258, -28.3779, 13.8876

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.4460, -54.7528, 32.6440 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(0, 210, 91)` looks like.

```
.text, #text, p{  
    color:rgb(0, 210, 91)  
}
```

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(0, 210, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 210, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 68.4460, -54.7528, 32.6440 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(0, 210, 91) }
```


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

```
.border{ border-color:rgb(0, 210, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 210, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 210, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 210, 91);  
box-shadow:4px 4px 4px 4px rgb(0, 210, 91)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 68.4460, -54.7528, 32.6440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 210, 91) }
```

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

```
.background{ background-color: rgb(0, 210,  
91) }
```

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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