

Converting Colors

HunterLab(75.3301, -56.2674,
29.3030)

Have a look what the booklet for
HunterLab(75.3301, -56.2674,
29.3030) contains.

HunterLab(75.3477, -56.2849, 29.3737)	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(75.3477,
-56.2849, 29.3737)**

Conversions

Conversions Part 1

Format	Color
Hex	1EE380
RGB	30, 227, 128
RGB Percent	12%, 89%, 50%
CMY	0.8823, 0.1098, 0.4980
CMYK	0.87, 0.00, 0.44, 0.11
HSL	150°, 78%, 50%
HSV	150°, 87%, 89%
XYZ	31.9008, 56.7728, 29.6990
YIQ	156.8110, -85.6330, -72.5530

Conversions

Conversions Part 2

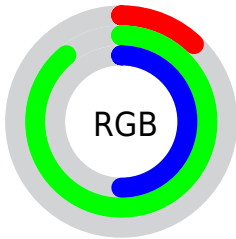
Format	Color
RYB	30, 162, 227
Decimal	2024320
CIELab	80.05, -66.54, 35.90
CIELCh	80, 75.608, 151.651
Yxy	56.7750, 0.2695, 0.4796
Android (android.graphics.Color)	4280214400 (0xFF1EE380)
YUV	156.8110, -14.2038, -111.2132
Hunter-Lab	75.3477, -56.2849, 29.3737

Details

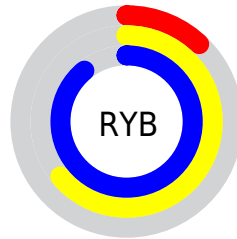
The HunterLab color **75.3477, -56.2849, 29.3737** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **43.4115, 72.4959, -0.3501**, and the grayscale version is **58.0718, -3.0986, 3.1551**.

A 20% lighter version of the original color is **88.6241, -51.8204, 24.0950**, and **54.1159, -42.8696, 24.9030** is the 20% darker color. If you saturate the color by 10%, you get **75.0082, -58.0904, 31.9984**, and if you desaturate by 10%, it is **75.8719, -53.6954, 26.6009**.

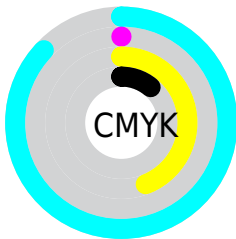
Distribution



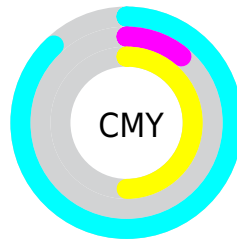
- Red (12%)
- Green (89%)
- Blue (50%)



- Red (12%)
- Yellow (64%)
- Blue (89%)



- Cyan (87%)
- Magenta (0%)
- Yellow (44%)
- Black (11%)





- Cyan (88%)
- Magenta (11%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 75.3477, -56.2849, 29.3737 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 75.3477, -56.2849, 29.3737 by changing the saturation by 10% instead.


 75.3477, -56.2849,
29.3737


 75.3477, -56.2849,
29.3737


203.1270,
-89.7114, 50.3414


 63.8942, -51.9126,
26.7600


 100.0684,
-64.4825, 34.3541


 53.0868, -47.3015,
24.0355


 113.2771,
-68.3649, 36.7494

 42.9686, -42.3927,
21.1717


 127.0208,
-72.1319, 39.0961

 33.5900, -37.1020,
18.1291

 141.2792,
-75.7998, 41.4024

 25.0149, -31.3071,
14.8551

 156.0346,
-79.3816, 43.6751

 17.3270, -25.3190,
12.1289

171.2706,

 10.6438, -18.6267,

-82.8884, 45.9196

7.4507

186.9725,
-86.3291, 48.1404

■ 0.7653, -1.3392,
0.5357

0.0000, NaN, NaN

■ 75.3477, -56.2849,
29.3737

■ 75.3477, -56.2849,
29.3737

■ 75.0082, -58.0904,
31.9984

■ 75.8719, -53.6954,
26.6009

■ 74.9205, -58.5715,
32.7949

■ 76.6036, -50.2282,
23.7223

■ 77.5627, -45.8420,
20.7808

■ 78.7612, -40.5312,
17.8182

■ 80.2060, -34.3198,
14.8746

■ 81.9000, -27.2559,
11.9869

■ 83.8420, -19.4049,
9.1877

■ 86.0279, -10.8440,
6.5044

■ 88.4514, -1.6561,
3.9587

Harmonies

Analogous

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



75.3492, -37.3662, 41.6293



75.3477, -56.2849, 29.3737



75.3492, -62.0296, 2.1564

Triad

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



75.3492, -56.2857, 29.3742



75.3492, -1.9958, -97.5081



75.3492, 65.3423, 31.3551

Complementary

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



75.3477, -56.2849, 29.3737



43.4115, 72.4959, -0.3501

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.



75.3492, 79.5389, 5.9960



75.3477, -56.2849, 29.3737



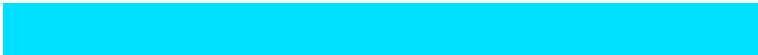
75.3492, 36.3608, -77.5083

Square

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



75.3492, -56.2857, 29.3742



75.3492, -34.4798, -81.2452



75.3492, 68.0488, -34.8874



75.3492, 32.1983, 42.3314

Rectangle

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



75.3477, -56.2849, 29.3737



75.3492, -58.6954, -24.8524



75.3492, 68.0488, -34.8874



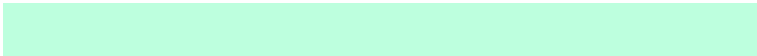
75.3492, 72.7439, 24.7743

Sweetspot

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



75.3492, -56.2857, 29.3742



93.5721, -30.5725, 13.4770



77.4097, -49.7163, 45.8880



42.9613, -15.5023, 6.7611

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.3492, -56.2857, 29.3742



85.4683, -66.9051, 37.6009



77.8352, -41.2171, -6.3273



40.2593, -6.2230, 3.3986



57.2346, -44.6012, 24.7430



15.6187, -11.7520, 5.8472

Inverse Universe

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



43.4115, 72.4959, -0.3501



47.7729, 85.0831, 5.5170



41.6796, 65.9172, 24.7595



38.0634, 2.2203, 0.9387



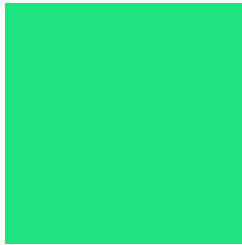
32.0272, 57.1367, 2.9500



8.8133, 15.9206, -0.7202

Previews

White Background



This preview shows how the HunterLab color 75.3477, -56.2849, 29.3737 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 75.3477, -56.2849, 29.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

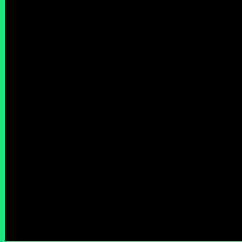
Any Text WCAG AA ✓ Pass

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 75.3477, -56.2849, 29.3737 Background



This preview shows how black text looks on a background with the HunterLab color 75.3477, -56.2849, 29.3737.



This preview shows how white text looks on a background with the HunterLab color 75.3477,

-56.2849, 29.3737.

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

75.3477, -56.2849, 29.3737

Protanopia

74.5926, -8.1519, 32.6876

Deuteranopia

74.3404, 5.3998, 27.0273



Tritanopia

75.1677, -29.6919, -14.4196

Trichromacy



Original Color

75.3477, -56.2849, 29.3737



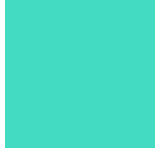
Protanomaly

72.6386, -33.3474, 29.6719



Deuteranomaly

71.7188, -26.1495, 25.0894



Tritanomaly

74.6668, -41.2964, 4.7584

Monochromacy



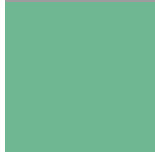
Original Color

75.3477, -56.2849, 29.3737



Achromatopsia

58.0658, -3.0982, 3.1548



Achromatomaly

62.3785, -27.6884, 12.1049

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.3477, -56.2849, 29.3737 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(30, 227, 128)` looks like.

```
.text, #text, p{  
    color:rgb(30, 227, 128)  
}
```

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(30, 227, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 227, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 75.3477, -56.2849, 29.3737 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(30, 227, 128) }
```


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

```
.border{ border-color:rgb(30, 227, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 227, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 227, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 227, 128);  
box-shadow:4px 4px 4px 4px rgb(30, 227,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.3477, -56.2849, 29.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 227, 128) }
```

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

```
.background{ background-color: rgb(30, 227,  
128) }
```

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