

Converting Colors

HunterLab(64.9195, -51.2956,
30.8702)

Have a look what the booklet for
HunterLab(64.9195, -51.2956,
30.8702) contains.

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Color

**HunterLab(64.9195,
-51.2956, 30.8701)**

Conversions

Conversions Part 1

Format	Color
Hex	14C857
RGB	20, 200, 87
RGB Percent	8%, 78%, 34%
CMY	0.9215, 0.2157, 0.6588
CMYK	0.90, 0.00, 0.56, 0.22
HSL	142°, 82%, 43%
HSV	142°, 90%, 78%
XYZ	22.6631, 42.1454, 15.9573
YIQ	133.2980, -71.0070, -73.3030

Conversions

Conversions Part 2

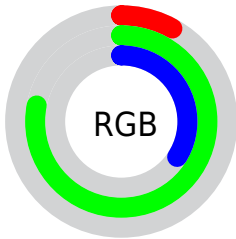
Format	Color
RYB	20, 151, 200
Decimal	1362007
CIELab	70.97, -64.83, 44.50
CIELCh	71, 78.633, 145.530
Yxy	42.1471, 0.2806, 0.5218
Android (android.graphics.Color)	4279552087 (0xFF14C857)
YUV	133.2980, -22.8249, -99.3623
Hunter-Lab	64.9195, -51.2956, 30.8701

Details

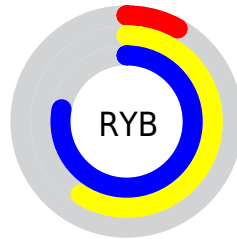
The HunterLab color **64.9195, -51.2956, 30.8701** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **38.0446, 66.2231, -9.9828**, and the grayscale version is **48.6574, -2.5962, 2.6436**.

A 20% lighter version of the original color is **87.4167, -58.3976, 36.0155**, and **44.7972, -37.4465, 24.8437** is the 20% darker color. If you saturate the color by 10%, you get **64.6612, -52.6837, 32.9084**, and if you desaturate by 10%, it is **65.3246, -49.2587, 28.5487**.

Distribution



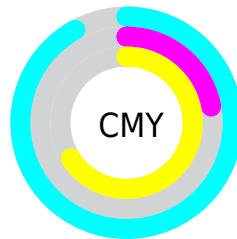
- Red (8%)
- Green (78%)
- Blue (34%)



- Red (8%)
- Yellow (59%)
- Blue (78%)



- Cyan (90%)
- Magenta (0%)
- Yellow (56%)
- Black (22%)



- Cyan (92%)
- Magenta (22%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.9195, -51.2956, 30.8701 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 64.9195, -51.2956, 30.8701 by changing the saturation by 10% instead.

■ 64.9195, -51.2956,
30.8701

■ 64.9195, -51.2956,
30.8701

188.4390,
-84.8430, 56.1008

■ 54.0523, -46.8229,
27.5909

■ 88.5563, -59.6085,
37.0221

■ 43.8688, -42.0676,
24.1341

■ 101.2598,
-63.5198, 39.9404

■ 34.4198, -36.9513,
20.4585

■ 114.5186,
-67.3026, 42.7765

■ 25.7677, -31.3585,
16.6062

■ 128.3104,
-70.9759, 45.5432

■ 17.9940, -25.2971,
12.5958

■ 142.6153,
-74.5551, 48.2511

■ 11.2121, -19.6213,
7.8485

157.4154,

■ 3.2808, -5.7413,

-78.0528, 50.9088

2.2965

172.6949,
-81.4792, 53.5234

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.9195, -51.2956,
30.8701

■ 64.9195, -51.2956,
30.8701

■ 64.6612, -52.6837,
32.9084

■ 65.3246, -49.2587,
28.5487

■ 64.6611, -52.6840,
32.9089

■ 65.9116, -46.4225,
25.9822

■ 66.6995, -42.7421,
23.2027

■ 67.6997, -38.2072,
20.2455

■ 68.9194, -32.8360,

17.1490

■ 70.3612, -26.6704,
13.9522

■ 72.0247, -19.7696,
10.6933

■ 73.9065, -12.2048,
7.4081

■ 76.0007, -4.0531,
4.1284

Harmonies

Analogous

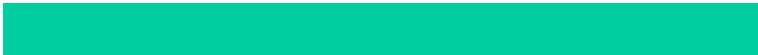
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.9208, -30.7198, 39.3168



64.9195, -51.2956, 30.8701



64.9208, -59.1238, 8.4652

Triad

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



64.9208, -51.2964, 30.8704



64.9208, -8.7814, -102.5502



64.9208, 71.6591, 26.0114

Complementary

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



64.9195, -51.2956, 30.8701



38.0446, 66.2231, -9.9828

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.



64.9208, 81.0881, -1.8176



64.9195, -51.2956, 30.8701



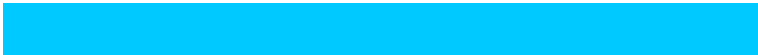
64.9208, 29.1856, -88.5531

Square

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



64.9208, -51.2964, 30.8704



64.9208, -38.2223, -77.7076



64.9208, 64.1235, -45.9527



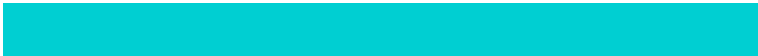
64.9208, 40.6011, 37.7772

Rectangle

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



64.9195, -51.2956, 30.8701



64.9208, -57.6599, -16.7136



64.9208, 64.1235, -45.9527



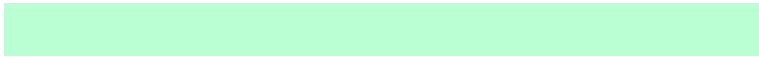
64.9208, 77.7165, 18.8243

Sweetspot

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



64.9208, -51.2964, 30.8704



93.1236, -32.8119, 17.2446



68.1391, -39.0468, 40.7273



42.7517, -16.5735, 8.6611

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.9208, -51.2964, 30.8704



85.0557, -69.4739, 43.6619



66.7785, -39.9316, 3.9796



34.5718, -5.4716, 3.3645



51.5749, -41.9122, 26.0123



11.2848, -8.7338, 4.7487

Inverse Universe

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



38.0446, 66.2231, -9.9828



48.7863, 88.7564, -8.8497



36.0031, 58.5889, 19.2857



32.7827, 2.0302, 0.3315



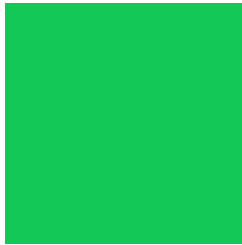
29.6243, 54.0012, -6.1956



6.5515, 12.1283, -2.8100

Previews

White Background



This preview shows how the HunterLab color 64.9195, -51.2956, 30.8701 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 64.9195, -51.2956, 30.8701 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 64.9195, -51.2956, 30.8701 Background



This preview shows how black text looks on a background with the HunterLab color 64.9195, -51.2956, 30.8701.



This preview shows how white text looks on a background with the HunterLab color 64.9195, -51.2956, 30.8701.

-51.2956, 30.8701.

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

64.9195, -51.2956, 30.8701

Protanopia

64.1338, -7.5466, 32.7235

Deuteranopia

64.1215, 4.7381, 29.1372



Tritanopia

64.7948, -25.0403, -12.2119

Trichromacy



Original Color

64.9195, -51.2956, 30.8701



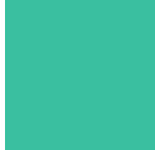
Protanomaly

62.2231, -30.6709, 30.3870



Deuteranomaly

61.5608, -24.5646, 27.5295



Tritanomaly

64.1654, -37.1022, 7.7327

Monochromacy



Original Color

64.9195, -51.2956, 30.8701



Achromatopsia

48.4304, -2.5841, 2.6313



Achromatomaly

52.5835, -25.4088, 13.3265

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.9195, -51.2956, 30.8701 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(20, 200, 87)` looks like.

```
.text, #text, p{  
    color:rgb(20, 200, 87)  
}
```

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(20, 200, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 200, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 64.9195, -51.2956, 30.8701 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(20, 200, 87) }
```


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

```
.border{ border-color:rgb(20, 200, 87) }
```

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

Here you see how a box with a 4 pixel rgb(20, 200, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 200, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 200, 87);  
box-shadow:4px 4px 4px 4px rgb(20, 200,  
87) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.9195, -51.2956, 30.8701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 200, 87) }
```

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

```
.background{ background-color: rgb(20, 200,  
87) }
```

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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