

Converting Colors

HunterLab(64.0677, -51.7685,
31.6753)

Have a look what the booklet for
HunterLab(64.0677, -51.7685,
31.6753) contains.

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Color

**HunterLab(63.9943,
-51.7259, 31.6741)**

Conversions

Conversions Part 1

Format	Color
Hex	00C64F
RGB	0, 198, 79
RGB Percent	0%, 78%, 31%
CMY	1.0000, 0.2235, 0.6902
CMYK	1.00, 0.00, 0.60, 0.22
HSL	144°, 100%, 39%
HSV	144°, 100%, 78%
XYZ	21.6054, 40.9527, 14.1631
YIQ	125.2320, -79.8090, -78.9850

Conversions

Conversions Part 2

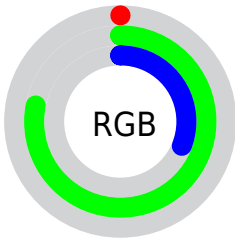
Format	Color
RYB	0, 142, 198
Decimal	50767
CIELab	70.14, -66.16, 47.19
CIELCh	70, 81.261, 144.502
Yxy	40.9544, 0.2816, 0.5338
Android (android.graphics.Color)	4278240847 (0xFF00C64F)
YUV	125.2320, -22.7924, -109.8285
Hunter-Lab	63.9943, -51.7259, 31.6741

Details

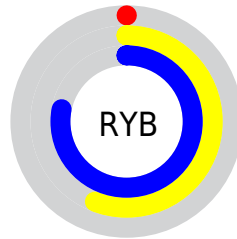
The HunterLab color **63.9943, -51.7259, 31.6741** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **36.5219, 66.1910, -4.6731**, and the grayscale version is **45.4868, -2.4271, 2.4714**.

A 20% lighter version of the original color is **87.1508, -59.7487, 37.8048**, and **44.0638, -37.2161, 25.2629** is the 20% darker color. If you saturate the color by 10%, you get **63.9955, -51.7271, 31.6751**, and if you desaturate by 10%, it is **64.2574, -50.3267, 29.6017**.

Distribution



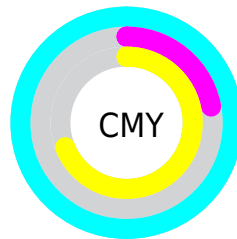
- Red (0%)
- Green (78%)
- Blue (31%)



- Red (0%)
- Yellow (56%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (60%)
- Black (22%)





- Cyan (100%)
- Magenta (22%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.9943, -51.7259, 31.6741 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 63.9943, -51.7259, 31.6741 by changing the saturation by 10% instead.


 63.9943, -51.7259,
31.6741

 63.9943, -51.7259,
31.6741


187.1176,
-85.9598, 58.1957


 53.1822, -47.1436,
28.2031


 87.5298, -60.2291,
38.1719


 43.0574, -42.2655,
24.5400


 100.1862,
-64.2247, 41.2471


 33.6719, -37.0092,
20.6435


 113.3999,
-68.0861, 44.2313

 25.0891, -31.2533,
16.7716

 127.1483,
-71.8333, 47.1383

 17.3927, -25.2585,
12.1749

 141.4113,
-75.4823, 49.9797

 10.6997, -18.7244,
7.4898

156.1711,

 1.2624, -2.2091,

-79.0461, 52.7648

0.8837

171.4114,
-82.5356, 55.5012

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.9943, -51.7259,
31.6741

■ 63.9943, -51.7259,
31.6741

■ 63.9955, -51.7271,
31.6751

■ 64.2574, -50.3267,
29.6017

■ 64.6594, -48.2984,
27.2781

■ 65.2404, -45.4954,
24.7449

■ 66.0174, -41.8734,
22.0350

■ 67.0019, -37.4221,

19.1837

■ 68.2007, -32.1587,
16.2285

■ 69.6166, -26.1234,
13.2064

■ 71.2492, -19.3731,
10.1534

■ 73.0954, -11.9761,
7.1023

Harmonies

Analogous

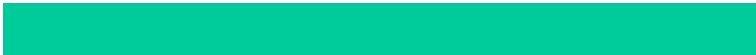
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.9956, -30.3791, 39.5659



63.9943, -51.7259, 31.6741



63.9956, -60.0392, 9.6460

Triad

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



63.9956, -51.7266, 31.6744



63.9956, -10.1059, -107.4480



63.9956, 75.2212, 25.7075

Complementary

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



63.9943, -51.7259, 31.6741



36.5219, 66.1910, -4.6731

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.



63.9956, 84.1173, -3.3603



63.9943, -51.7259, 31.6741



63.9956, 28.9093, -94.0377

Square

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



63.9956, -51.7266, 31.6744



63.9956, -39.7736, -79.9651



63.9956, 65.5708, -49.7270



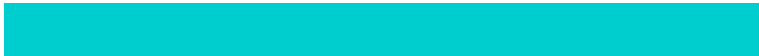
63.9956, 43.4579, 37.7506

Rectangle

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



63.9943, -51.7259, 31.6741



63.9956, -58.8414, -15.9296



63.9956, 65.5708, -49.7270



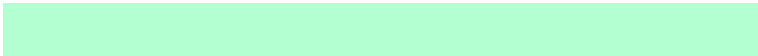
63.9956, 81.2495, 18.2437

Sweetspot

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



63.9956, -51.7266, 31.6744



92.5466, -35.1478, 17.7573



66.7346, -41.2610, 40.3990



42.4295, -17.8984, 9.0147

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.9956, -51.7266, 31.6744



85.1318, -68.9992, 42.5423



65.9403, -39.8070, 3.5126



34.5786, -5.4333, 3.2665



51.6221, -41.6175, 25.3170



11.2962, -8.6634, 4.5826

Inverse Universe

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



36.5219, 66.1910, -4.6731



48.5474, 87.8940, -5.4901



34.7400, 59.6715, 21.0583



32.7753, 1.9903, 0.4374



29.4807, 53.4834, -4.1802



6.5234, 12.0276, -2.4215

Previews

White Background



This preview shows how the HunterLab color 63.9943, -51.7259, 31.6741 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 63.9943, -51.7259, 31.6741 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 63.9943, -51.7259, 31.6741 Background



This preview shows how black text looks on a background with the HunterLab color 63.9943, -51.7259, 31.6741.



This preview shows how white text looks on a background with the HunterLab color 63.9943, -51.7259, 31.6741.

-51.7259, 31.6741.

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

63.9943, -51.7259, 31.6741

Protanopia

63.2639, -7.7313, 33.2608

Deuteranopia

63.3382, 4.7554, 30.2648



Tritanopia

64.0290, -24.7202, -12.1469

Trichromacy



Original Color

63.9943, -51.7259, 31.6741



Protanomaly

60.9344, -32.5130, 30.6746



Deuteranomaly

60.2514, -26.5093, 28.2054



Tritanomaly

63.1976, -37.6829, 8.3564

Monochromacy



Original Color

63.9943, -51.7259, 31.6741



Achromatopsia

45.2856, -2.4163, 2.4605



Achromatomaly

50.2441, -26.6676, 13.7516

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.9943, -51.7259, 31.6741 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, 198, 79)` looks like.

```
.text, #text, p{  
    color:rgb(0, 198, 79)  
}
```

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, 198, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 198, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 63.9943, -51.7259, 31.6741 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, 198, 79) }
```


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

```
.border{ border-color:rgb(0, 198, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 198, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 198, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 198, 79);  
box-shadow:4px 4px 4px 4px rgb(0, 198, 79)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 63.9943, -51.7259, 31.6741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 198, 79) }
```

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

```
.background{ background-color: rgb(0, 198,  
79) }
```

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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