

Converting Colors

HunterLab(64.9647, -51.0096,
29.7143)

Have a look what the booklet for
HunterLab(64.9647, -51.0096,
29.7143) contains.

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Color

**HunterLab(64.9555,
-50.9864, 29.6800)**

Conversions

Conversions Part 1

Format	Color
Hex	0EC85D
RGB	14, 200, 93
RGB Percent	5%, 78%, 36%
CMY	0.9451, 0.2157, 0.6353
CMYK	0.93, 0.00, 0.53, 0.22
HSL	145°, 87%, 42%
HSV	145°, 93%, 78%
XYZ	22.8111, 42.1922, 17.2976
YIQ	132.1880, -76.5090, -72.7090

Conversions

Conversions Part 2

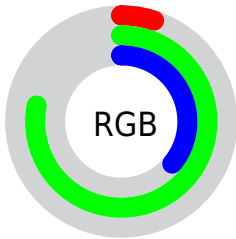
Format	Color
RYB	14, 145, 200
Decimal	968797
CIELab	71.00, -64.29, 41.69
CIELCh	71, 76.624, 147.041
Yxy	42.1939, 0.2772, 0.5127
Android (android.graphics.Color)	4279158877 (0xFF0EC85D)
YUV	132.1880, -19.3197, -103.6509
Hunter-Lab	64.9555, -50.9864, 29.6800

Details

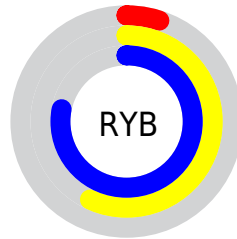
The HunterLab color **64.9555, -50.9864, 29.6800** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **37.3826, 65.5519, -4.5097**, and the grayscale version is **48.2066, -2.5722, 2.6192**.

A 20% lighter version of the original color is **87.4522, -58.0442, 34.4347**, and **44.8483, -37.1267, 24.0895** is the 20% darker color. If you saturate the color by 10%, you get **64.7805, -51.9395, 31.1524**, and if you desaturate by 10%, it is **65.3147, -49.1492, 27.3742**.

Distribution



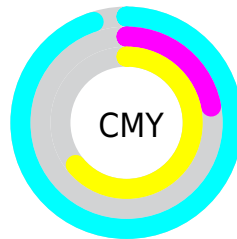
- Red (5%)
- Green (78%)
- Blue (36%)



- Red (5%)
- Yellow (57%)
- Blue (78%)



- Cyan (93%)
- Magenta (0%)
- Yellow (53%)
- Black (22%)





- Cyan (95%)
- Magenta (22%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.9555, -50.9864, 29.6800 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 64.9555, -50.9864, 29.6800 by changing the saturation by 10% instead.


 64.9555, -50.9864,
29.6800


 64.9555, -50.9864,
29.6800


188.4903,
-84.2900, 53.6233


 54.0862, -46.5498,
26.5876


 88.5963, -59.2344,
35.4924


 43.9003, -41.8339,
23.3303


 101.3016,
-63.1163, 38.2551


 34.4489, -36.7609,
19.8675


 114.5621,
-66.8712, 40.9436

 25.7941, -31.2165,
16.1645

 128.3556,
-70.5181, 43.5700

 18.0174, -25.1833,
12.6122

 142.6621,
-74.0720, 46.1439

 11.2322, -19.6563,
7.8625

157.4638,

 3.3345, -5.8355,

-77.5455, 48.6732

2.3342

172.7447,
-80.9486, 51.1645

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.9555, -50.9864,
29.6800

■ 64.9555, -50.9864,
29.6800

■ 64.7805, -51.9395,
31.1524

■ 65.3147, -49.1492,
27.3742

■ 65.8451, -46.5621,
24.8763

■ 66.5673, -43.1693,
22.2204

■ 67.4944, -38.9503,
19.4423

■ 68.6346, -33.9141,

16.5787

■ 69.9921, -28.0937,
13.6666

■ 71.5674, -21.5407,
10.7410

■ 73.3583, -14.3197,
7.8341

■ 75.3600, -6.5033,
4.9740

Harmonies

Analogous

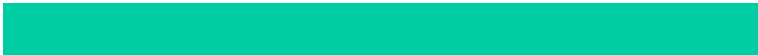
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.9568, -31.4155, 38.6801



64.9555, -50.9864, 29.6800



64.9568, -58.1015, 6.7664

Triad

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



64.9568, -50.9871, 29.6804



64.9568, -6.9201, -98.9407



64.9568, 68.3108, 26.4908

Complementary

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



64.9555, -50.9864, 29.6800



37.3826, 65.5519, -4.5097

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.



64.9568, 78.6931, 0.1301



64.9555, -50.9864, 29.6800



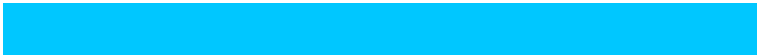
64.9568, 30.1820, -83.6876

Square

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



64.9568, -50.9871, 29.6804



64.9568, -36.2863, -76.7915



64.9568, 63.4821, -42.0392



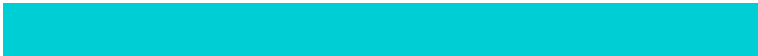
64.9568, 37.5177, 37.6461

Rectangle

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



64.9555, -50.9864, 29.6800



64.9568, -56.2596, -18.2552



64.9568, 63.4821, -42.0392



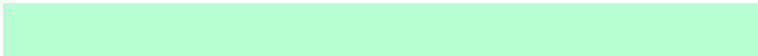
64.9568, 74.5542, 19.6890

Sweetspot

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



64.9568, -50.9871, 29.6804



93.0120, -33.1169, 16.2124



67.4658, -41.7820, 40.4754



42.6268, -17.0190, 8.2804

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.9568, -50.9871, 29.6804



85.2110, -68.5051, 41.3764



66.9965, -38.5378, 0.2318



34.5853, -5.3964, 3.1719



51.6711, -41.3122, 24.5968



11.3076, -8.5927, 4.4156

Inverse Universe

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



37.3826, 65.5519, -4.5097



48.3291, 87.1039, -2.4053



35.6163, 58.9830, 20.9893



32.7681, 1.9520, 0.5389



29.3492, 53.0078, -2.3252



6.4972, 11.9338, -2.0584

Previews

White Background



This preview shows how the HunterLab color 64.9555, -50.9864, 29.6800 looks on a white background.

Color Contrast Check

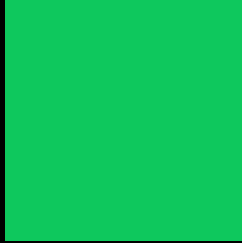
Large Text (above 18pt) WCAG AA × Fail

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 64.9555, -50.9864, 29.6800 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 64.9555, -50.9864, 29.6800 Background



This preview shows how black text looks on a background with the HunterLab color 64.9555, -50.9864, 29.6800.



This preview shows how white text looks on a background with the HunterLab color 64.9555,

-50.9864, 29.6800.

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

64.9555, -50.9864, 29.6800

Protanopia

64.2040, -7.1580, 31.6913

Deuteranopia

64.0824, 4.7573, 27.9403



Tritanopia

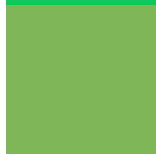
64.7286, -25.2928, -12.3100

Trichromacy



Original Color

64.9555, -50.9864, 29.6800



Protanomaly

62.1740, -30.7121, 29.1751



Deuteranomaly

61.4397, -24.8482, 26.0325



Tritanomaly

64.1528, -37.0418, 6.8584

Monochromacy



Original Color

64.9555, -50.9864, 29.6800



Achromatopsia

48.0354, -2.5630, 2.6099



Achromatomaly

52.4841, -25.7080, 12.5283

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.9555, -50.9864, 29.6800 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(14, 200, 93)` looks like.

```
.text, #text, p{  
    color:rgb(14, 200, 93)  
}
```

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(14, 200, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 200, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 64.9555, -50.9864, 29.6800 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(14, 200, 93) }
```


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

```
.border{ border-color:rgb(14, 200, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 200, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 200, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 200, 93);  
box-shadow:4px 4px 4px 4px rgb(14, 200,  
93) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.9555, -50.9864, 29.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 200, 93) }
```

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

```
.background{ background-color: rgb(14, 200,  
93) }
```

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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