

Converting Colors

HunterLab(64.4559, -49.7546,
28.0961)

Have a look what the booklet for
HunterLab(64.4559, -49.7546,
28.0961) contains.

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Color

**HunterLab(64.3722,
-49.6093, 27.9249)**

Conversions

Conversions Part 1

Format	Color
Hex	14C663
RGB	20, 198, 99
RGB Percent	8%, 78%, 39%
CMY	0.9215, 0.2235, 0.6118
CMYK	0.90, 0.00, 0.50, 0.22
HSL	147°, 82%, 43%
HSV	147°, 90%, 78%
XYZ	22.7348, 41.4378, 18.6045
YIQ	133.4920, -74.3090, -68.5250

Conversions

Conversions Part 2

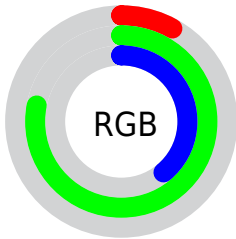
Format	Color
RYB	20, 143, 198
Decimal	1361507
CIELab	70.48, -62.39, 38.13
CIELCh	70, 73.117, 148.572
Yxy	41.4395, 0.2747, 0.5006
Android (android.graphics.Color)	4279551587 (0xFF14C663)
YUV	133.4920, -17.0046, -99.5325
Hunter-Lab	64.3722, -49.6093, 27.9249

Details

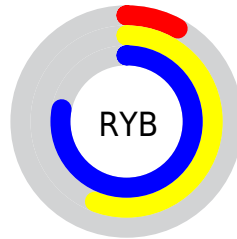
The HunterLab color **64.3722, -49.6093, 27.9249** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **37.2007, 63.8299, -3.7797**, and the grayscale version is **48.7130, -2.5992, 2.6467**.

A 20% lighter version of the original color is **87.5771, -57.3525, 33.1391**, and **44.5720, -36.4444, 22.9618** is the 20% darker color. If you saturate the color by 10%, you get **64.1058, -51.0425, 30.0712**, and if you desaturate by 10%, it is **64.7790, -47.5673, 25.5778**.

Distribution



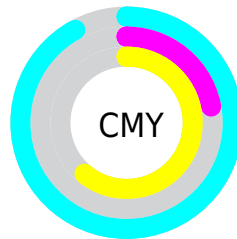
- Red (8%)
- Green (78%)
- Blue (39%)



- Red (8%)
- Yellow (56%)
- Blue (78%)



- Cyan (90%)
- Magenta (0%)
- Yellow (50%)
- Black (22%)





- Cyan (92%)
- Magenta (22%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.3722, -49.6093, 27.9249 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 64.3722, -49.6093, 27.9249 by changing the saturation by 10% instead.


 64.3722, -49.6093,
27.9249


 64.3722, -49.6093,
27.9249


187.6577,
-82.1107, 50.2846


 53.5375, -45.2855,
25.0600


 87.9492, -57.6501,
33.3220

 43.3887, -40.6897,
22.0456


 100.6249,
-61.4360, 35.8939


 33.9771, -35.7452,
18.8417


 113.8570,
-65.0994, 38.4012

 25.3659, -30.3384,
15.3963

 127.6232,
-68.6585, 40.8548

 17.6378, -24.4681,
12.3465

 141.9034,
-72.1282, 43.2633

 10.9083, -19.0895,
7.6358

156.6797,

 2.3118, -4.0456,

-75.5204, 45.6340

1.6182

171.9360,
-78.8451, 47.9728

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.3722, -49.6093,
27.9249

■ 64.3722, -49.6093,
27.9249

■ 64.1058, -51.0425,
30.0712

■ 64.7790, -47.5673,
25.5778

■ 64.1033, -51.0562,
30.0921

■ 65.3601, -44.7727,
23.0733

■ 66.1337, -41.1825,
20.4462

■ 67.1111, -36.7860,
17.7324

■ 68.2991, -31.5994,

14.9677

■ 69.7007, -25.6605,
12.1871

■ 71.3156, -19.0238,
9.4231

■ 73.1408, -11.7549,
6.7044

■ 75.1710, -3.9253,
4.0557

Harmonies

Analogous

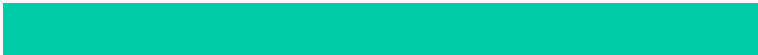
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.3735, -31.3811, 37.3914



64.3722, -49.6093, 27.9249



64.3735, -55.9101, 5.0091

Triad

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



64.3735, -49.6100, 27.9253



64.3735, -5.0321, -92.4663



64.3735, 63.2816, 26.4213

Complementary

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



64.3722, -49.6093, 27.9249



37.2007, 63.8299, -3.7797

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.



64.3735, 74.2288, 1.9617



64.3722, -49.6093, 27.9249



64.3735, 30.2711, -76.6253

Square

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



64.3735, -49.6100, 27.9253



64.3735, -33.6379, -73.5334



64.3735, 61.0898, -37.2185



64.3735, 33.6159, 36.8868

Rectangle

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



64.3722, -49.6093, 27.9249



64.3735, -53.7328, -19.1662



64.3735, 61.0898, -37.2185



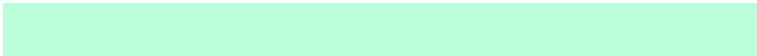
64.3735, 69.5098, 20.0924

Sweetspot

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



64.3735, -49.6100, 27.9253



93.2590, -32.0306, 15.2977



66.7053, -41.3035, 39.7919



42.8206, -16.1738, 7.6697

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.3735, -49.6100, 27.9253



85.2737, -68.1148, 40.4555



66.4000, -37.2700, -1.2855



34.5902, -5.3690, 3.1016



51.7097, -41.0721, 24.0302



11.3164, -8.5383, 4.2872

Inverse Universe

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



37.2007, 63.8299, -3.7797



48.1746, 86.5437, -0.2135



35.5111, 57.4829, 20.6216



32.7629, 1.9237, 0.6140



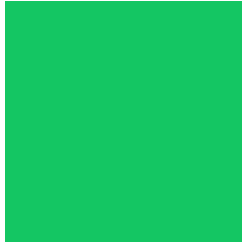
29.2558, 52.6698, -1.0042



6.4783, 11.8661, -1.7961

Previews

White Background



This preview shows how the HunterLab color 64.3722, -49.6093, 27.9249 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 64.3722, -49.6093, 27.9249 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 64.3722, -49.6093, 27.9249 Background



This preview shows how black text looks on a background with the HunterLab color 64.3722, -49.6093, 27.9249.



This preview shows how white text looks on a background with the HunterLab color 64.3722, -49.6093, 27.9249.

-49.6093, 27.9249.

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

64.3722, -49.6093, 27.9249

Protanopia

63.6831, -7.3234, 30.1074

Deuteranopia

63.5601, 4.6360, 26.0124



Tritanopia

64.3620, -25.0699, -12.2531

Trichromacy



Original Color

64.3722, -49.6093, 27.9249



Protanomaly

61.9274, -29.8216, 27.7225



Deuteranomaly

61.2159, -23.8600, 24.3591



Tritanomaly

63.9125, -36.1328, 5.7273

Monochromacy



Original Color

64.3722, -49.6093, 27.9249



Achromatopsia

48.4304, -2.5841, 2.6313



Achromatomaly

52.6970, -24.7388, 11.6862

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.3722, -49.6093, 27.9249 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, 198, 99)` looks like.

```
.text, #text, p{  
    color:rgb(20, 198, 99)  
}
```

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, 198, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 198, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 64.3722, -49.6093, 27.9249 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, 198, 99) }
```


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

```
.border{ border-color:rgb(20, 198, 99) }
```

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

Here you see how a box with a 4 pixel rgb(20, 198, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 198, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 198, 99);  
box-shadow:4px 4px 4px 4px rgb(20, 198,  
99) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.3722, -49.6093, 27.9249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 198, 99) }
```

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

```
.background{ background-color: rgb(20, 198,  
99) }
```

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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