

Converting Colors

HunterLab(76.6317, -48.1759,
28.3079)

Have a look what the booklet for
HunterLab(76.6317, -48.1759,
28.3079) contains.

HunterLab(76.7704, -48.3025, 28.4711)	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(76.7704,
-48.3025, 28.4711)**

Conversions

Conversions Part 1

Format	Color
Hex	65E288
RGB	101, 226, 136
RGB Percent	40%, 89%, 53%
CMY	0.6039, 0.1137, 0.4667
CMYK	0.55, 0.00, 0.40, 0.11
HSL	137°, 68%, 64%
HSV	137°, 55%, 89%
XYZ	37.0071, 58.9369, 32.7180
YIQ	178.3650, -45.6100, -54.4900

Conversions

Conversions Part 2

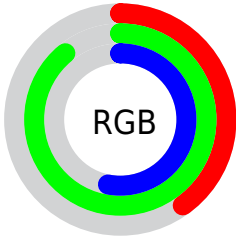
Format	Color
RYB	101, 199, 226
Decimal	6677128
CIELab	81.26, -54.11, 33.73
CIElCh	81, 63.756, 148.063
Yxy	58.9394, 0.2876, 0.4581
Android (android.graphics.Color)	4284867208 (0xFF65E288)
YUV	178.3650, -20.8859, -67.8491
Hunter-Lab	76.7704, -48.3025, 28.4711

Details

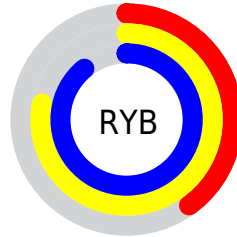
The HunterLab color **76.7704, -48.3025, 28.4711** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **54.0729, 55.3197, -19.7600**, and the grayscale version is **66.9750, -3.5736, 3.6389**.

A 20% lighter version of the original color is **90.9457, -42.2729, 23.5415**, and **54.4946, -41.0586, 23.5099** is the 20% darker color. If you saturate the color by 10%, you get **75.7503, -53.0429, 31.9075**, and if you desaturate by 10%, it is **78.0554, -42.5113, 24.6993**.

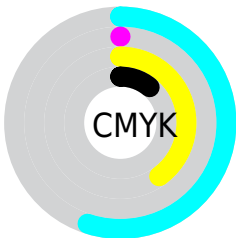
Distribution



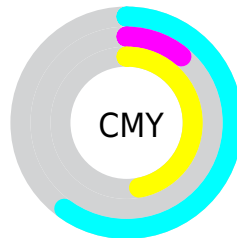
- Red (40%)
- Green (89%)
- Blue (53%)



- Red (40%)
- Yellow (78%)
- Blue (89%)



- Cyan (55%)
- Magenta (0%)
- Yellow (40%)
- Black (11%)



- Cyan (60%)
- Magenta (11%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.7704, -48.3025, 28.4711 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 76.7704, -48.3025, 28.4711 by changing the saturation by 10% instead.

■ 76.7704, -48.3025,
28.4711

■ 76.7704, -48.3025,
28.4711

205.1042,
-76.3471, 48.4749

■ 65.2413, -44.7113,
26.0010

■ 101.6315,
-55.0870, 33.1942

■ 54.3539, -40.9441,
23.4325

■ 114.9058,
-58.3222, 35.4726

■ 44.1501, -36.9567,
20.7398

■ 128.7125,
-61.4744, 37.7090

■ 34.6793, -32.6847,
17.8866

■ 143.0318,
-64.5559, 39.9106

■ 26.0034, -28.0326,
14.8229

157.8459,
-67.5764, 42.0835

■ 18.2032, -22.8513,
12.0758

173.1388,

■ 11.3910, -19.9342,

-70.5441, 44.2326

7.9737

188.8960,
-73.4658, 46.3619

■ 3.7322, -6.5314,
2.6126

0.0000, NaN, NaN

■ 76.7704, -48.3025,
28.4711

■ 76.7704, -48.3025,
28.4711

■ 75.7503, -53.0429,
31.9075

■ 78.0554, -42.5113,
24.6993

■ 74.9790, -56.7257,
34.9661


■ 79.6066, -35.7037,
20.6375


■ 74.4397, -59.3897,
37.6163

■ 81.4268, -27.9455,
16.3377

■ 74.1061, -61.1224,
39.8361


■ 83.5135, -19.3202,
11.8519

 73.9980, -61.7066,
40.7159

 85.8605, -9.9228,
7.2308

 88.4596, 0.1470,
2.5210

 90.8578, 9.3235,
-2.8205

 91.0357, 10.2696,
-5.3409

Harmonies

Analogous

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



76.7720, -30.1054, 39.1988



76.7704, -48.3025, 28.4711



76.7720, -54.9235, 6.0648

Triad

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



76.7720, -48.3036, 28.4717



76.7720, -6.0983, -76.5091



76.7720, 55.6922, 26.3007

Complementary

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



76.7704, -48.3025, 28.4711



54.0729, 55.3197, -19.7600

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.



76.7720, 64.7779, 2.2439



76.7704, -48.3025, 28.4711



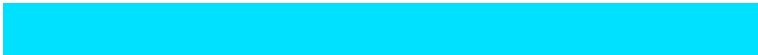
76.7720, 25.9051, -64.3146

Square

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



76.7720, -48.3036, 28.4717



76.7720, -33.0751, -60.9401



76.7720, 53.1205, -32.1427



76.7720, 29.9321, 38.3389

Rectangle

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



76.7704, -48.3025, 28.4711



76.7720, -52.8234, -15.4976



76.7720, 53.1205, -32.1427



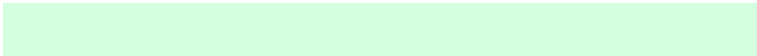
76.7720, 60.9605, 19.7224

Sweetspot

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



76.7720, -48.3036, 28.4717



95.3076, -24.0065, 14.5311



81.6264, -30.3252, 40.8238



43.8636, -12.0513, 7.2078

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.7720, -48.3036, 28.4717



86.7457, -61.3605, 37.0064



78.2211, -39.6198, 7.5412



39.2429, -6.4241, 4.2327



55.9062, -46.5092, 30.5220



14.7697, -11.9268, 7.2857

Inverse Universe

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



54.0729, 55.3197, -19.7600



57.0753, 75.2362, -25.4203



52.0512, 46.2877, 8.7602



37.2381, 2.5306, -0.0718



32.7847, 60.7934, -14.8505



8.7180, 16.3139, -5.0952

Previews

White Background



This preview shows how the HunterLab color 76.7704, -48.3025, 28.4711 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 76.7704, -48.3025, 28.4711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

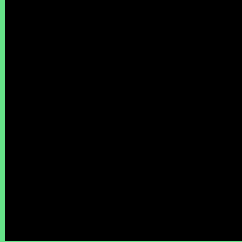
Any Text WCAG AA ✓ Pass

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 76.7704, -48.3025, 28.4711 Background



This preview shows how black text looks on a background with the HunterLab color 76.7704, -48.3025, 28.4711.



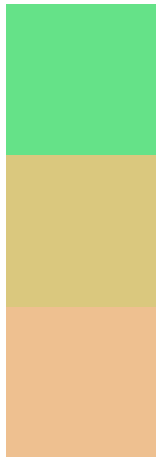
This preview shows how white text looks on a background with the HunterLab color 76.7704,

-48.3025, 28.4711.

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

76.7704, -48.3025, 28.4711

Protanopia

75.9739, -7.6475, 31.2768

Deuteranopia

76.0855, 5.6039, 26.4206



Tritanopia

76.7220, -23.8205, -12.1391

Trichromacy



Original Color

76.7704, -48.3025, 28.4711



Protanomaly

75.0510, -25.4801, 29.1160



Deuteranomaly

74.6995, -18.0806, 25.7119



Tritanomaly

76.4697, -34.0426, 5.5683

Monochromacy



Original Color

76.7704, -48.3025, 28.4711



Achromatopsia

66.7234, -3.5602, 3.6252



Achromatomaly

69.3964, -21.8909, 12.7744

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.7704, -48.3025, 28.4711 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(101, 226, 136)` looks like.

```
.text, #text, p{  
    color:rgb(101, 226, 136)  
}
```

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(101, 226, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 226, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 76.7704, -48.3025, 28.4711 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(101, 226, 136) }
```


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

```
.border{ border-color:rgb(101, 226, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 226, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 226, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 226, 136); box-shadow:4px 4px 4px 4px rgb(101, 226, 136) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.7704, -48.3025, 28.4711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 226, 136) }
```

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

```
.background{ background-color: rgb(101,  
226, 136) }
```

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