

Converting Colors

HunterLab(76.0271, -51.0423,
24.3328)

Have a look what the booklet for
HunterLab(76.0271, -51.0423,
24.3328) contains.

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Color

**HunterLab(76.0030,
-50.9992, 24.4061)**

Conversions

Conversions Part 1

Format	Color
Hex	45E293
RGB	69, 226, 147
RGB Percent	27%, 89%, 58%
CMY	0.7294, 0.1137, 0.4235
CMYK	0.69, 0.00, 0.35, 0.11
HSL	150°, 73%, 58%
HSV	150°, 69%, 89%
XYZ	34.9171, 57.7646, 36.9132
YIQ	170.0510, -68.2130, -57.8530

Conversions

Conversions Part 2

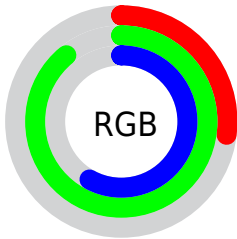
Format	Color
RYB	69, 174, 226
Decimal	4579987
CIELab	80.61, -58.31, 27.11
CIELCh	81, 64.307, 155.067
Yxy	57.7669, 0.2694, 0.4457
Android (android.graphics.Color)	4282770067 (0xFF45E293)
YUV	170.0510, -11.3641, -88.6217
Hunter-Lab	76.0030, -50.9992, 24.4061

Details

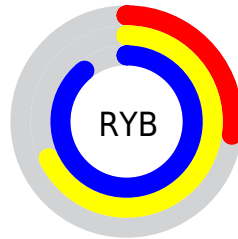
The HunterLab color **76.0030, -50.9992, 24.4061** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **47.5020, 62.8195, -4.6022**, and the grayscale version is **63.4901, -3.3877, 3.4495**.

A 20% lighter version of the original color is **89.9377, -45.6634, 18.1916**, and **54.0560, -40.7755, 20.4573** is the 20% darker color. If you saturate the color by 10%, you get **75.3341, -54.2113, 27.2478**, and if you desaturate by 10%, it is **76.8970, -46.8818, 21.4910**.

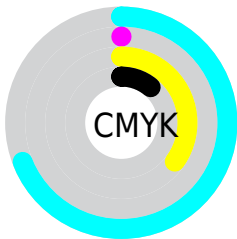
Distribution



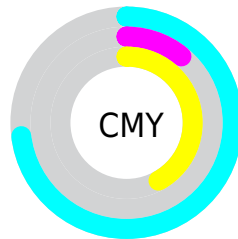
- Red (27%)
- Green (89%)
- Blue (58%)



- Red (27%)
- Yellow (68%)
- Blue (89%)



- Cyan (69%)
- Magenta (0%)
- Yellow (35%)
- Black (11%)





- Cyan (73%)
- Magenta (11%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.0030, -50.9992, 24.4061 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 76.0030, -50.9992, 24.4061 by changing the saturation by 10% instead.


 76.0030, -50.9992,
24.4061


 76.0030, -50.9992,
24.4061


204.0384,
-80.8613, 41.6758

 64.5145, -47.1431,
22.3262


 100.7885,
-58.2616, 28.4171

 53.6702, -43.0894,
20.1761


 114.0276,
-61.7155, 30.3676

 43.5123, -38.7882,
17.9349


 127.8003,
-65.0754, 32.2917

 34.0911, -34.1680,
15.5723

 142.0869,
-68.3549, 34.1948

 25.4694, -29.1228,
13.0443

156.8694,
-71.5648, 36.0814

 17.7294, -23.5259,
10.4413

172.1317,

 10.9864, -19.2262,

-74.7143, 37.9551

7.6905

187.8591,
-77.8111, 39.8191

■ 2.5966, -4.5440,
1.8176

0.0000, NaN, NaN

■ 76.0030, -50.9992,
24.4061

■ 76.0030, -50.9992,
24.4061

■ 75.3341, -54.2113,
27.2478

■ 76.8970, -46.8818,
21.4910

■ 74.8655, -56.5683,
29.9721


■ 78.0248, -41.8420,
18.5426


■ 74.5602, -58.2124,
32.5283


■ 79.3964, -35.8973,
15.6018


■ 74.5459, -58.2908,
32.6572


■ 81.0154, -29.0896,
12.7064

 82.8817, -21.4803,
9.8902

 84.9921, -13.1433,
7.1819

 87.3407, -4.1603,
4.6047

 89.9195, 5.3852,
2.1761

 90.8386, 9.2219,
-2.5496

Harmonies

Analogous

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



76.0045, -35.4269, 37.5011



76.0030, -50.9992, 24.4061



76.0045, -54.8821, -1.0548

Triad

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



76.0045, -51.0000, 24.4067



76.0045, 1.2888, -77.0301



76.0045, 51.2779, 30.0806

Complementary

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



76.0030, -50.9992, 24.4061



47.5020, 62.8195, -4.6022

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.



76.0045, 65.0706, 8.9868



76.0030, -50.9992, 24.4061



76.0045, 33.3985, -58.6232

Square

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



76.0045, -51.0000, 24.4067



76.0045, -27.6399, -67.5423



76.0045, 58.0533, -23.9307



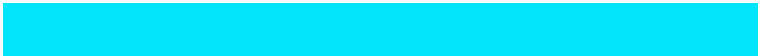
76.0045, 22.8000, 39.7341

Rectangle

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



76.0030, -50.9992, 24.4061



76.0045, -50.9565, -24.0929



76.0045, 58.0533, -23.9307



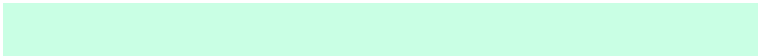
76.0045, 57.9770, 24.4907

Sweetspot

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



76.0045, -51.0000, 24.4067



94.6596, -26.1506, 11.8731



78.3071, -43.8712, 43.2210



43.5116, -13.2427, 5.9057

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.0045, -51.0000, 24.4067



86.1366, -63.3799, 32.5398



78.1082, -38.3679, -5.7425



39.3068, -6.0671, 3.3179



56.3258, -43.8951, 24.3545



14.8901, -11.1801, 5.5233

Inverse Universe

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



47.5020, 62.8195, -4.6022



50.2101, 81.3878, -1.6339



45.7046, 55.3471, 21.2625



37.1686, 2.1580, 0.9166



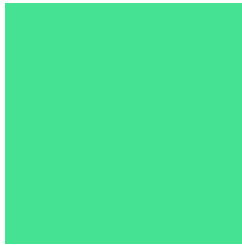
31.5243, 56.2496, 2.8254



8.4078, 15.2019, -0.7939

Previews

White Background



This preview shows how the HunterLab color 76.0030, -50.9992, 24.4061 looks on a white background.

Color Contrast Check

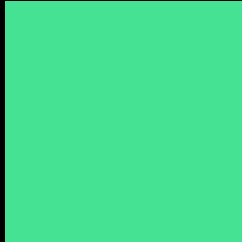
Large Text (above 18pt) WCAG AA × Fail

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 76.0030, -50.9992, 24.4061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

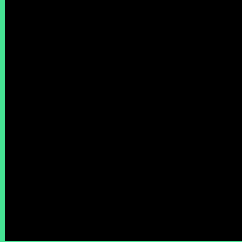
Any Text WCAG AA ✓ Pass

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 76.0030, -50.9992, 24.4061 Background



This preview shows how black text looks on a background with the HunterLab color 76.0030, -50.9992, 24.4061.



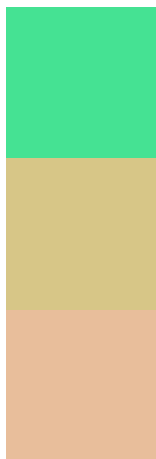
This preview shows how white text looks on a background with the HunterLab color 76.0030,

-50.9992, 24.4061.

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

76.0030, -50.9992, 24.4061

Protanopia

75.2227, -6.8422, 28.1654

Deuteranopia

75.0662, 5.6218, 21.8607



Tritanopia

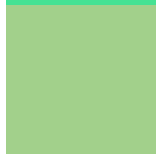
75.7026, -27.5810, -14.2125

Trichromacy



Original Color

76.0030, -50.9992, 24.4061



Protanomaly

73.9305, -27.6914, 25.4819



Deuteranomaly

73.3915, -20.7949, 20.8614



Tritanomaly

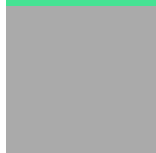
75.5652, -37.2583, 2.0683

Monochromacy



Original Color

76.0030, -50.9992, 24.4061



Achromatopsia

63.4017, -3.3830, 3.4447



Achromatomaly

66.6499, -23.9513, 10.2423

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.0030, -50.9992, 24.4061 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(69, 226, 147)` looks like.

```
.text, #text, p{  
    color:rgb(69, 226, 147)  
}
```

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(69, 226, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 226, 147) }
```

Border

The CSS property to change the border of an element to HunterLab 76.0030, -50.9992, 24.4061 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(69, 226, 147) }
```


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

```
.border{ border-color:rgb(69, 226, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 226, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 226, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 226, 147);  
box-shadow:4px 4px 4px 4px rgb(69, 226,  
147) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.0030, -50.9992, 24.4061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 226, 147) }
```

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

```
.background{ background-color: rgb(69, 226,  
147) }
```

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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