

# Converting Colors

HunterLab(76.0844, -53.0147,  
28.3789)

Have a look what the booklet for  
HunterLab(76.0844, -53.0147,  
28.3789) contains.

<b>HunterLab(76.0844, -53.0149, 28.3790)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(76.0844,  
-53.0149, 28.3790)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44E386
RGB	68, 227, 134
RGB Percent	27%, 89%, 53%
CMY	0.7333, 0.1098, 0.4745
CMYK	0.70, 0.00, 0.41, 0.11
HSL	145°, 74%, 58%
HSV	145°, 70%, 89%
XYZ	34.1561, 57.8884, 31.9276
YIQ	168.8570, -64.9110, -62.6310

# Conversions

## Conversions Part 2

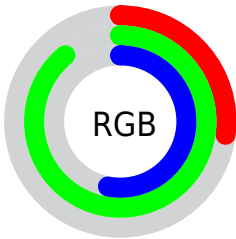
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 180, 227
Decimal	4514694
CIELab	80.68, -61.23, 33.81
CIELCh	81, 69.948, 151.092
Yxy	57.8907, 0.2755, 0.4669
Android (android.graphics.Color)	4282704774 (0xFF44E386)
YUV	168.8570, -17.1845, -88.4516
Hunter-Lab	76.0844, -53.0149, 28.3790

# Details

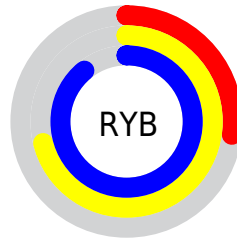
The HunterLab color **76.0844, -53.0149, 28.3790** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **47.9995, 65.4238, -10.9296**, and the grayscale version is **63.0189, -3.3625, 3.4239**.

A 20% lighter version of the original color is **89.6112, -47.6042, 22.9060**, and **54.1978, -42.3608, 23.7023** is the 20% darker color. If you saturate the color by 10%, you get **75.4181, -56.2437, 31.3363**, and if you desaturate by 10%, it is **76.9837, -48.8288, 25.2338**.

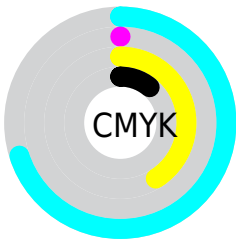
# Distribution



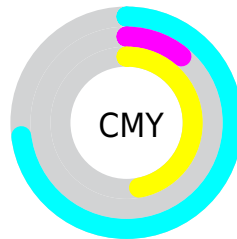
- Red (27%)
- Green (89%)
- Blue (53%)



- Red (27%)
- Yellow (71%)
- Blue (89%)



- Cyan (70%)
- Magenta (0%)
- Yellow (41%)
- Black (11%)




- Cyan (73%)
- Magenta (11%)
- Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.0844, -53.0149, 28.3790 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 76.0844, -53.0149, 28.3790 by changing the saturation by 10% instead.





 76.0844, -53.0149,  
28.3790


 76.0844, -53.0149,  
28.3790


204.1516,  
-84.1116, 48.4384

 64.5916, -48.9823,  
25.8985


 100.8780,  
-60.5990, 33.1190


 53.7427, -44.7387,  
23.3180


 114.1208,  
-64.2009, 35.4046

 43.5800, -40.2317,  
20.6109


 127.8972,  
-67.7017, 37.6474

 34.1535, -35.3859,  
17.7403

 142.1872,  
-71.1159, 39.8549

 25.5259, -30.0904,  
14.6553

156.9730,  
-74.4550, 42.0331

 17.7796, -24.2771,  
12.0170

172.2386,

 11.0292, -19.3010,

-77.7289, 44.1871

7.7204

187.9692,  
-80.9455, 46.3210

■ 2.7397, -4.7944,  
1.9178

0.0000, NaN, NaN

■ 76.0844, -53.0149,  
28.3790

■ 76.0844, -53.0149,  
28.3790

■ 75.4181, -56.2437,  
31.3363

■ 76.9837, -48.8288,  
25.2338


■ 74.9592, -58.5684,  
34.0641


■ 78.1253, -43.6678,  
21.9417


■ 74.6677, -60.1441,  
36.5058


■ 79.5191, -37.5515,  
18.5471


■ 81.1690, -30.5257,  
15.0938

 83.0745, -22.6568,  
11.6233

 85.2320, -14.0250,  
8.1732

 87.6351, -4.7182,  
4.7765

 90.2753, 5.1740,  
1.4602

 91.2821, 9.4439,  
-4.2191

# Harmonies

## Analogous

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



76.0859, -34.8069, 40.3448



76.0844, -53.0149, 28.3790



76.0859, -58.7584, 2.9535

# Triad

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



76.0859, -53.0158, 28.3796



76.0859, -2.8208, -87.2499



76.0859, 59.9856, 29.6544

# Complementary

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



76.0844, -53.0149, 28.3790



47.9995, 65.4238, -10.9296

# 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.



76.0859, 72.4450, 5.3108



76.0844, -53.0149, 28.3790



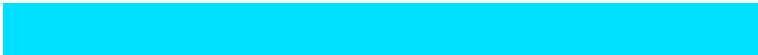
76.0859, 32.4989, -70.1186

# Square

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



76.0859, -53.0158, 28.3796



76.0859, -33.0059, -72.3094



76.0859, 61.6110, -32.2236



76.0859, 29.9776, 40.8225



# Rectangle

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



76.0844, -53.0149, 28.3790



76.0859, -55.7099, -21.6409



76.0859, 61.6110, -32.2236



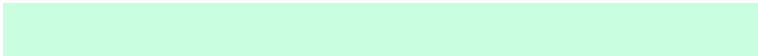
76.0859, 66.5783, 23.2031

# Sweetspot

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



76.0859, -53.0158, 28.3796



94.5327, -26.8746, 13.6935



79.4902, -40.9754, 44.1847



43.4462, -13.6175, 6.8443

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.0859, -53.0158, 28.3796



85.7854, -65.4859, 37.1877



78.0242, -41.3143, 0.4723



40.2342, -6.3633, 3.7582



57.0402, -45.8097, 27.5947



15.5641, -12.0899, 6.6448



# Inverse Universe

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



47.9995, 65.4238, -10.9296



50.5851, 84.0902, -9.6918



45.9399, 56.9331, 18.5054



38.0903, 2.3646, 0.5561



32.4530, 58.6820, -3.1006



8.9257, 16.3260, -2.2981



# Previews

## White Background



This preview shows how the HunterLab color 76.0844, -53.0149, 28.3790 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 76.0844, -53.0149, 28.3790 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

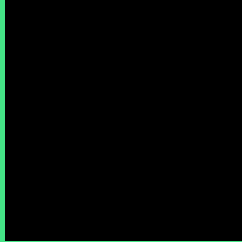
Any Text WCAG AA ✓ Pass

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 76.0844, -53.0149, 28.3790 Background



This preview shows how black text looks on a background with the HunterLab color 76.0844, -53.0149, 28.3790.



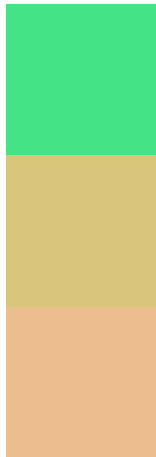
This preview shows how white text looks on a background with the HunterLab color 76.0844, -53.0149, 28.3790.

-53.0149, 28.3790.

# 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

76.0844, -53.0149, 28.3790

### Protanopia

75.2130, -7.3007, 31.4463

### Deuteranopia

75.2615, 5.7660, 26.0048



## Tritanopia

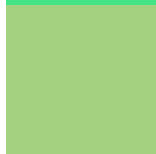
75.7807, -27.2853, -14.0970

# Trichromacy



## Original Color

76.0844, -53.0149, 28.3790



## Protanomaly

74.1079, -29.1626, 29.0904



## Deuteranomaly

73.2934, -21.6684, 24.7132



## Tritanomaly

75.4443, -38.0413, 4.3098

# Monochromacy



## Original Color

76.0844, -53.0149, 28.3790



## Achromatopsia

62.9885, -3.3609, 3.4223



## Achromatomaly

66.4325, -25.0892, 12.4253

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.0844, -53.0149, 28.3790 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(68, 227, 134)` looks like.

```
.text, #text, p{  
    color:rgb(68, 227, 134)  
}
```

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(68, 227, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 227, 134) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.0844, -53.0149, 28.3790 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(68, 227, 134) }
```



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

```
.border{ border-color:rgb(68, 227, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 227, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 227, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 227, 134);  
box-shadow:4px 4px 4px 4px rgb(68, 227,  
134) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.0844, -53.0149, 28.3790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 227, 134) }
```

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

```
.background{ background-color: rgb(68, 227,  
134) }
```

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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