

# Converting Colors

HunterLab(71.2169, -32.1301,  
16.3914)

Have a look what the booklet for  
HunterLab(71.2169, -32.1301,  
16.3914) contains.

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# Color

**HunterLab(71.2183,  
-32.1342, 16.3920)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80CD9E
RGB	128, 205, 158
RGB Percent	50%, 80%, 62%
CMY	0.4980, 0.1961, 0.3804
CMYK	0.38, 0.00, 0.23, 0.20
HSL	143°, 44%, 65%
HSV	143°, 38%, 80%
XYZ	36.9050, 50.7205, 40.1926
YIQ	176.6190, -30.8050, -30.9410

# Conversions

## Conversions Part 2

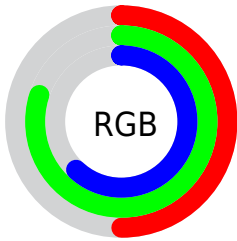
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 183, 205
Decimal	8441246
CIELab	76.51, -33.98, 16.03
CIElCh	77, 37.570, 154.743
Yxy	50.7226, 0.2887, 0.3968
Android (android.graphics.Color)	4286631326 (0xFF80CD9E)
YUV	176.6190, -9.1792, -42.6389
Hunter-Lab	71.2183, -32.1342, 16.3920

# Details

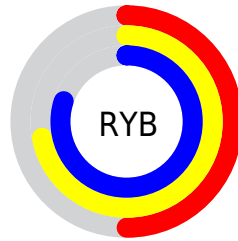
The HunterLab color  $71.2183, -32.1342, 16.3920$  is a light color, and the websafe version is hex  $66CC99$ . A complement of this color would be  $56.1372, 30.9694, -7.7038$ , and the grayscale version is  $66.1955, -3.5320, 3.5965$ .

A 20% lighter version of the original color is  $92.9470, -33.4134, 16.5328$ , and  $49.3043, -27.1549, 13.5084$  is the 20% darker color. If you saturate the color by 10%, you get  $69.9149, -37.8313, 19.5341$ , and if you desaturate by 10%, it is  $72.7525, -25.6412, 13.1793$ .

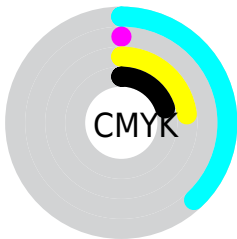
# Distribution



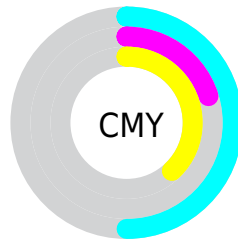
- Red (50%)
- Green (80%)
- Blue (62%)



- Red (50%)
- Yellow (72%)
- Blue (80%)



- Cyan (38%)
- Magenta (0%)
- Yellow (23%)
- Black (20%)



- Cyan (50%)
- Magenta (20%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.2183, -32.1342, 16.3920 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 71.2183, -32.1342, 16.3920 by changing the saturation by 10% instead.



■ 71.2183, -32.1342,  
16.3920

■ 71.2183, -32.1342,  
16.3920

197.3537,  
-52.0797, 29.2387

■ 59.9899, -29.6773,  
14.9375

■ 95.5220, -36.8353,  
19.2588

■ 49.4215, -27.1211,  
13.4567

■ 108.5360,  
-39.1048, 20.6807

■ 39.5589, -24.4365,  
11.9378

■ 122.0925,  
-41.3337, 22.1001

■ 30.4568, -21.5796,  
10.3619

136.1708,  
-43.5293, 23.5198

■ 22.1850, -18.4809,  
8.6993

150.7521,  
-45.6973, 24.9420

■ 14.8372, -15.0225,  
6.9117

165.8195,

■ 8.4898, -14.8572,

-47.8425, 26.3683

5.9429

181.3581,  
-49.9689, 27.8002

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.2183, -32.1342,  
16.3920

■ 71.2183, -32.1342,  
16.3920

■ 69.9149, -37.8313,  
19.5341

■ 72.7525, -25.6412,  
13.1793

■ 68.8357, -42.6823,  
22.5638

■ 74.5117, -18.4127,  
9.9312

■ 67.9761, -46.6636,  
25.4426

■ 76.4935, -10.5240,  
6.6829

■ 67.3253, -49.7789,  
28.1328


■ 78.6915, -2.0545,  
3.4646


■ 66.8669, -52.0659,


■ 81.0978, 6.9161,


30.5998


0.3014

 66.5734, -53.6196,  
32.8095

 83.7033, 16.3107,  
-2.7868

 66.5145, -53.9379,  
33.2991

 84.5893, 20.0348,  
-8.4101

 84.9379, 21.8398,  
-13.3192

# Harmonies

## Analogous

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



71.2198, -22.2415, 25.7399



71.2183, -32.1342, 16.3920



71.2198, -34.7448, 1.1377

# Triad

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



71.2198, -32.1353, 16.3928



71.2198, -0.9579, -36.6968



71.2198, 26.4897, 20.0180

# Complementary

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



71.2183, -32.1342, 16.3920



56.1372, 30.9694, -7.7038

# 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.



71.2198, 33.5288, 6.5111



71.2183, -32.1342, 16.3920



71.2198, 16.7239, -28.3212

# Square

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



71.2198, -32.1353, 16.3928



71.2198, -17.7987, -32.2109



71.2198, 29.7916, -11.4259



71.2198, 11.3625, 27.4451



# Rectangle

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



71.2183, -32.1342, 16.3920



71.2198, -32.2437, -11.1064



71.2198, 29.7916, -11.4259



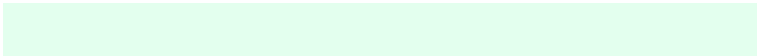
71.2198, 29.9442, 16.1785

# Sweetspot

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



71.2198, -32.1353, 16.3928



96.9581, -17.1726, 10.0381



73.7519, -23.7421, 28.6119



44.6948, -8.5901, 4.9082

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



71.2198, -32.1353, 16.3928



89.7876, -47.0519, 24.2102



72.2775, -25.9690, 1.2321



35.5079, -5.6049, 3.3945



52.4961, -42.4533, 26.0289



11.9853, -9.2584, 5.0056



# Inverse Universe

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



56.1372, 30.9694, -7.7038



66.9008, 49.2127, -12.1210



54.9766, 25.2605, 8.8007



33.6553, 2.0709, 0.4064



30.0383, 54.5808, -4.9248

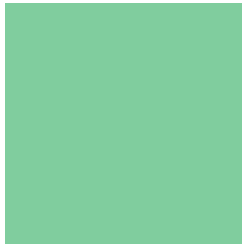


6.9289, 12.7791, -2.6004



# Previews

## White Background



This preview shows how the HunterLab color 71.2183, -32.1342, 16.3920 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 71.2183, -32.1342, 16.3920 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

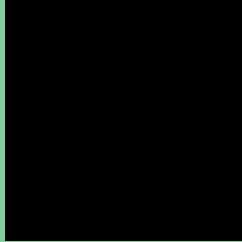
Any Text WCAG AA ✓ Pass

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 71.2183, -32.1342, 16.3920 Background



This preview shows how black text looks on a background with the HunterLab color 71.2183, -32.1342, 16.3920.



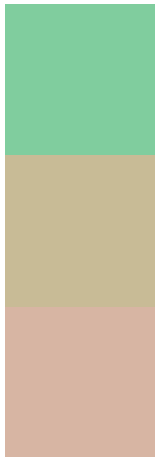
This preview shows how white text looks on a background with the HunterLab color 71.2183,

-32.1342, 16.3920.

# 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

71.2183, -32.1342, 16.3920

### Protanopia

70.7262, -4.9124, 19.3067

### Deuteranopia

70.8090, 5.0493, 14.7071



## Tritanopia

71.2515, -16.9170, -8.7742

# Trichromacy



## Original Color

71.2183, -32.1342, 16.3920

## Protanomaly

70.6273, -16.1926, 17.9374

## Deuteranomaly

70.3331, -10.4627, 14.7317

## Tritanomaly

71.3146, -23.0149, 1.5957

# Monochromacy



## Original Color

71.2183, -32.1342, 16.3920

## Achromatopsia

66.3066, -3.5380, 3.6026

## Achromatomaly

67.6859, -14.7457, 8.1368

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.2183, -32.1342, 16.3920 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(128, 205, 158)` looks like.

```
.text, #text, p{  
    color:rgb(128, 205, 158)  
}
```

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(128, 205, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 205, 158) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.2183, -32.1342, 16.3920 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(128, 205, 158) }
```



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

```
.border{ border-color:rgb(128, 205, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 205, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 205, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 205, 158); box-shadow:4px 4px 4px 4px rgb(128, 205, 158) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.2183, -32.1342, 16.3920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 205, 158) }
```

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

```
.background{ background-color: rgb(128,  
205, 158) }
```

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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