

# Converting Colors

HunterLab(74.4005, -32.2048,  
10.7018)

Have a look what the booklet for  
HunterLab(74.4005, -32.2048,  
10.7018) contains.

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# Color

**HunterLab(74.4284,  
-32.4361, 10.8971)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FD5B4
RGB	127, 213, 180
RGB Percent	50%, 84%, 71%
CMY	0.5020, 0.1647, 0.2941
CMYK	0.40, 0.00, 0.15, 0.16
HSL	157°, 51%, 67%
HSV	157°, 40%, 84%
XYZ	40.7849, 55.3959, 51.7230
YIQ	183.5240, -40.6630, -28.4950

# Conversions

## Conversions Part 2

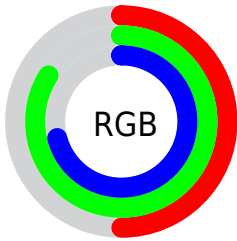
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 180, 213
Decimal	8377780
CIELab	79.27, -33.51, 8.20
CIELCh	79, 34.502, 166.243
Yxy	55.3981, 0.2758, 0.3745
Android (android.graphics.Color)	4286567860 (0xFF7FD5B4)
YUV	183.5240, -1.7373, -49.5715
Hunter-Lab	74.4284, -32.4361, 10.8971

# Details

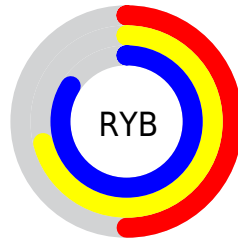
The HunterLab color  $74.4284, -32.4361, 10.8971$  is a light color, and the websafe version is hex  $66CC99$ . A complement of this color would be  $56.4485, 32.0563, 0.4105$ , and the grayscale version is  $69.0540, -3.6845, 3.7518$ .

A 20% lighter version of the original color is  $93.6181, -29.5463, 6.9116$ , and  $52.3104, -27.6299, 8.9920$  is the 20% darker color. If you saturate the color by 10%, you get  $73.2178, -37.6017, 12.9229$ , and if you desaturate by 10%, it is  $75.8638, -26.5071, 9.0223$ .

# Distribution



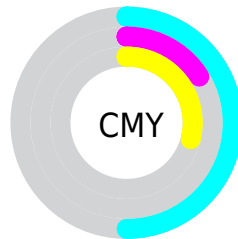
- Red (50%)
- Green (84%)
- Blue (71%)



- Red (50%)
- Yellow (71%)
- Blue (84%)



- Cyan (40%)
- Magenta (0%)
- Yellow (15%)
- Black (16%)



- Cyan (50%)
- Magenta (16%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.4284, -32.4361, 10.8971 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 74.4284, -32.4361, 10.8971 by changing the saturation by 10% instead.



■ 74.4284, -32.4361,  
10.8971

■ 74.4284, -32.4361,  
10.8971

201.8463,  
-52.1099, 20.7722

■ 63.0242, -30.0289,  
9.8694

■ 99.0576, -37.0553,  
12.9895

■ 52.2692, -27.5310,  
8.8490

■ 112.2235,  
-39.2903, 14.0554

■ 42.2069, -24.9167,  
7.8332

■ 125.9260,  
-41.4879, 15.1358

■ 32.8888, -22.1473,  
6.8158

140.1448,  
-43.6548, 16.2315

■ 24.3797, -19.1629,  
5.7869

154.8619,  
-45.7964, 17.3427

■ 16.7657, -15.8644,  
4.7291

170.0608,

■ 10.1677, -15.0316,

-47.9171, 18.4698

3.9464

185.7268,  
-50.0206, 19.6130

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.4284, -32.4361,  
10.8971

■ 74.4284, -32.4361,  
10.8971

■ 73.2178, -37.6017,  
12.9229

■ 75.8638, -26.5071,  
9.0223

■ 72.2231, -41.9708,  
15.0704

■ 77.5203, -19.8595,  
7.3172

■ 71.4376, -45.5366,  
17.3092

■ 79.3972, -12.5544,  
5.7988

■ 70.8483, -48.3185,  
19.6043


■ 81.4903, -4.6595,  
4.4777


■ 70.4362, -50.3693,


■ 83.7931, 3.7543,


21.9169


3.3595

 70.1687, -51.7956,  
24.1072

 86.2979, 12.6168,  
2.4454

 86.5897, 14.1120,  
-1.3720

 86.8718, 15.5942,  
-5.3701

 87.1657, 17.1331,  
-9.5210

# Harmonies

## Analogous

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



74.4299, -25.5980, 22.0971



74.4284, -32.4361, 10.8971



74.4299, -32.1353, -4.9251

# Triad

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



74.4299, -32.4370, 10.8980



74.4299, 5.1385, -31.2745



74.4299, 19.3415, 22.7707

# Complementary

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



74.4284, -32.4361, 10.8971



56.4485, 32.0563, 0.4105

# 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.



74.4299, 29.1146, 12.0328



74.4284, -32.4361, 10.8971



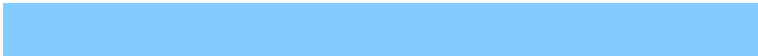
74.4299, 20.4376, -20.0783

# Square

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



74.4299, -32.4370, 10.8980



74.4299, -11.3942, -31.7665



74.4299, 29.5324, -3.5144



74.4299, 3.7459, 27.8689



# Rectangle

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



74.4284, -32.4361, 10.8971



74.4299, -27.9458, -16.1644



74.4299, 29.5324, -3.5144



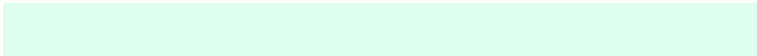
74.4299, 23.4741, 19.8213

# Sweetspot

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



74.4299, -32.4370, 10.8980



96.9113, -17.0102, 7.4169



75.3272, -31.3359, 30.0631



44.6909, -8.4287, 3.5413

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

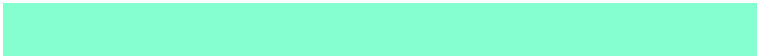


# Same Dimension

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



74.4299, -32.4370, 10.8980



90.0164, -44.9779, 15.3624



72.5910, -22.6442, -7.0846



37.4477, -5.5653, 2.6653



54.8589, -40.3657, 18.5690



13.5319, -9.5506, 3.7033



# Inverse Universe

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



56.4485, 32.0563, 0.4105



64.1900, 48.3074, 0.7274



57.5984, 23.2297, 15.2292



35.3538, 1.8413, 1.3842



30.0488, 52.7513, 9.4026



7.4868, 13.3468, 0.7649



# Previews

## White Background



This preview shows how the HunterLab color 74.4284, -32.4361, 10.8971 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 74.4284, -32.4361, 10.8971 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

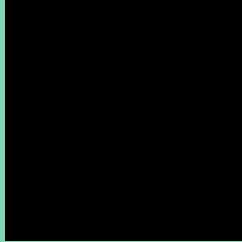
Any Text WCAG AA ✓ Pass

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 74.4284, -32.4361, 10.8971 Background



This preview shows how black text looks on a background with the HunterLab color 74.4284, -32.4361, 10.8971.



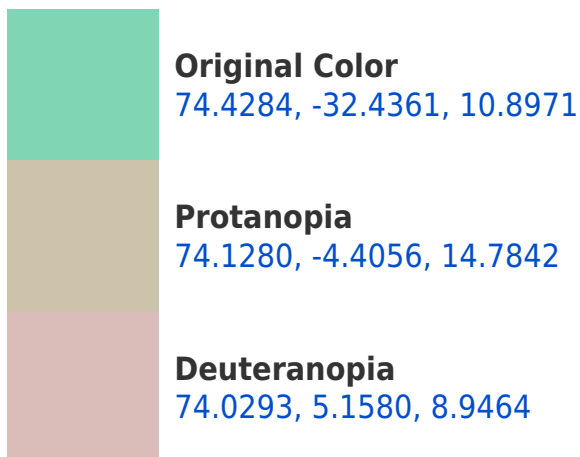
This preview shows how white text looks on a background with the HunterLab color 74.4284,

-32.4361, 10.8971.

# 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





## Tritanopia

74.4384, -19.3651, -10.6402

# Trichromacy



## Original Color

74.4284, -32.4361, 10.8971



## Protanomaly

73.9217, -16.1321, 13.1496



## Deuteranomaly

73.5672, -10.4606, 9.0432



## Tritanomaly

74.3124, -24.3166, -2.2459

# Monochromacy



## Original Color

74.4284, -32.4361, 10.8971



## Achromatopsia

69.2330, -3.6941, 3.7616



## Achromatomaly

70.8771, -15.3223, 5.9301

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.4284, -32.4361, 10.8971 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(127, 213, 180)` looks like.

```
.text, #text, p{  
    color:rgb(127, 213, 180)  
}
```

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(127, 213, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 213, 180) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.4284, -32.4361, 10.8971 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(127, 213, 180) }
```



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

```
.border{ border-color:rgb(127, 213, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 213, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 213, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 213, 180);  
box-shadow:4px 4px 4px 4px rgb(127, 213,  
180) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.4284, -32.4361, 10.8971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 213, 180) }
```

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

```
.background{ background-color: rgb(127,  
213, 180) }
```

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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