

# Converting Colors

HunterLab(64.7200, -23.8960,  
2.7772)

Have a look what the booklet for  
HunterLab(64.7200, -23.8960,  
2.7772) contains.

<b>HunterLab(64.7200, -23.8960, 2.7772)</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(64.7200,  
-23.8960, 2.7772)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74BAAE
RGB	116, 186, 174
RGB Percent	45%, 73%, 68%
CMY	0.5451, 0.2706, 0.3176
CMYK	0.38, 0.00, 0.06, 0.27
HSL	170°, 34%, 59%
HSV	170°, 38%, 73%
XYZ	32.4013, 41.8868, 46.4216
YIQ	163.7020, -37.8680, -18.5720

# Conversions

## Conversions Part 2

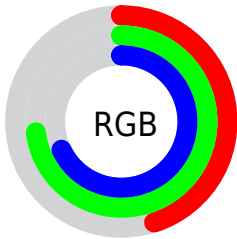
Format	Color
<a href="#">RYB</a>	<a href="#">116, 154, 186</a>
Decimal	<a href="#">7649966</a>
CIELab	<a href="#">70.79, -24.82, -0.88</a>
CIELCh	<a href="#">71, 24.840, 182.040</a>
Yxy	<a href="#">41.8885, 0.2684, 0.3470</a>
Android (android.graphics.Color)	<a href="#">4285840046 (0xFF74BAAE)</a>
YUV	<a href="#">163.7020, 5.0769, -41.8347</a>
Hunter-Lab	<a href="#">64.7200, -23.8960, 2.7772</a>

# Details

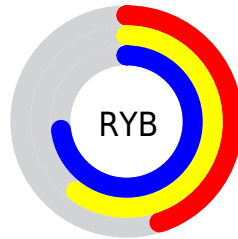
The HunterLab color  $64.7200, -23.8960, 2.7772$  is a light color, and the websafe version is hex  $66CCCC$ . A complement of this color would be  $49.4869, 23.0251, 6.4272$ , and the grayscale version is  $60.7991, -3.2441, 3.3033$ .

A 20% lighter version of the original color is  $88.2153, -27.5269, 4.0536$ , and  $43.8600, -19.9805, 1.7866$  is the 20% darker color. If you saturate the color by 10%, you get  $63.7306, -27.8807, 3.0262$ , and if you desaturate by 10%, it is  $65.8932, -19.3024, 2.7489$ .

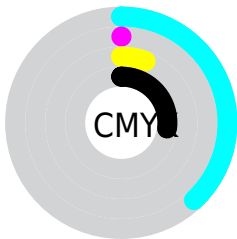
# Distribution



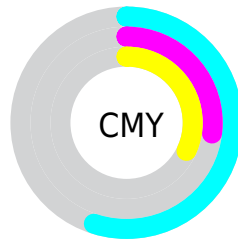
- Red (45%)
- Green (73%)
- Blue (68%)



- Red (45%)
- Yellow (60%)
- Blue (73%)



- Cyan (38%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)



- Cyan (55%)
- Magenta (27%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.7200, -23.8960, 2.7772 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 64.7200, -23.8960, 2.7772 by changing the saturation by 10% instead.



■ 64.7200, -23.8960,  
2.7772

■ 64.7200, -23.8960,  
2.7772

188.1543,  
-40.2407, 9.1818

■ 53.8646, -21.9341,  
2.2308

■ 88.3350, -27.6802,  
3.9830

■ 43.6937, -19.9031,  
1.7238

■ 101.0284,  
-29.5222, 4.6365

■ 34.2583, -17.7790,  
1.2603

■ 114.2775,  
-31.3410, 5.3218

■ 25.6211, -15.5238,  
0.8449

128.0600,  
-33.1420, 6.0375

■ 17.8640, -13.0745,  
0.4835

142.3558,  
-34.9293, 6.7824

■ 11.1012, -10.9085,  
0.1849

157.1473,

■ 2.9647, -5.1882,

-36.7064, 7.5554

-1.0747

172.4183,  
-38.4761, 8.3555

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.7200, -23.8960,  
2.7772

■ 64.7200, -23.8960,  
2.7772

■ 63.7306, -27.8807,  
3.0262

■ 65.8932, -19.3024,  
2.7489

■ 62.9175, -31.2345,  
3.4861

■ 67.2474, -14.1307,  
2.9406

■ 62.2754, -33.9553,  
4.1452

■ 68.7825, -8.4245,  
3.3508

■ 61.7940, -36.0599,  
4.9853


■ 70.4954, -2.2331,  
3.9732


■ 61.4589, -37.5885,

■ 72.3813, 4.3910,


5.9823


4.7985


 61.2452, -38.6300,  
7.0993

 74.4345, 11.3945,  
5.8151

 61.2013, -38.8490,  
7.3675

 76.6482, 18.7259,  
7.0103

 77.7989, 22.5500,  
6.9169

 77.8954, 23.0452,  
5.5381

# Harmonies

## Analogous

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



64.7213, -21.6650, 12.5387



64.7200, -23.8960, 2.7772



64.7213, -20.9735, -8.5154

# Triad

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



64.7213, -23.8967, 2.7781



64.7213, 8.5599, -16.7122



64.7213, 7.1207, 19.3378

# Complementary

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



64.7200, -23.8960, 2.7772



49.4869, 23.0251, 6.4272

# 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.



64.7213, 16.1468, 13.6173



64.7200, -23.8960, 2.7772



64.7213, 17.0173, -7.0112

# Square

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



64.7213, -23.8967, 2.7781



64.7213, -2.6766, -20.9102



64.7213, 19.8839, 4.2591



64.7213, -4.2334, 21.0575



# Rectangle

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



64.7200, -23.8960, 2.7772



64.7213, -16.3687, -15.1220



64.7213, 19.8839, 4.2591



64.7213, 10.5540, 17.8741

# Sweetspot

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



64.7213, -23.8967, 2.7781



91.8401, -14.1458, 4.2820



64.0582, -29.2290, 23.6668



42.9648, -7.1324, 1.9727



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053



# Same Dimension

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



64.7213, -23.8967, 2.7781



86.0331, -36.5865, 3.9888



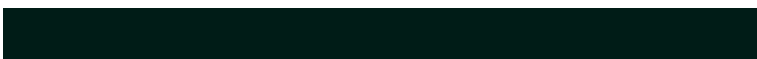
58.0956, -11.6044, -11.8163



31.9116, -4.3911, 1.5214



50.2075, -31.8057, 5.9043



9.4642, -5.7455, 0.5734



# Inverse Universe

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



49.4869, 23.0251, 6.4272



61.6655, 39.0917, 10.1505



54.7048, 10.3647, 15.9815



30.0611, 1.2249, 1.9234



26.6472, 45.9254, 14.9610

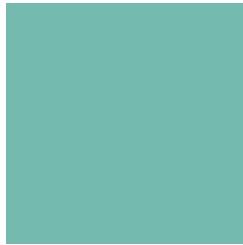


5.0806, 8.9081, 1.6749



# Previews

## White Background



This preview shows how the HunterLab color 64.7200, -23.8960, 2.7772 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

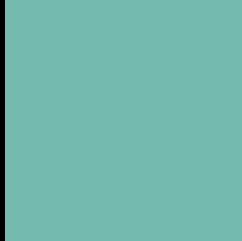
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 64.7200, -23.8960, 2.7772 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

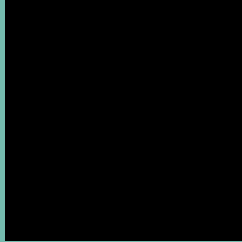
Any Text WCAG AA ✓ Pass

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 64.7200, -23.8960, 2.7772 Background



This preview shows how black text looks on a background with the HunterLab color 64.7200, -23.8960, 2.7772.



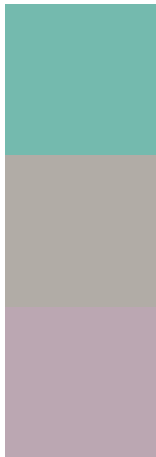
This preview shows how white text looks on a background with the HunterLab color 64.7200,

-23.8960, 2.7772.

# 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

64.7200, -23.8960, 2.7772

### Protanopia

64.5022, -2.8300, 6.5352

### Deuteranopia

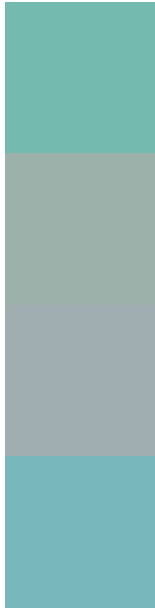
64.3557, 4.8362, 0.9363



## Tritanopia

64.8350, -16.9978, -8.6522

# Trichromacy



## Original Color

64.7200, -23.8960, 2.7772

## Protanomaly

64.2475, -11.2992, 4.7515

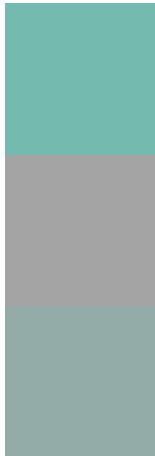
## Deuteranomaly

64.0496, -6.8260, 0.8435

## Tritanomaly

64.7674, -19.4413, -4.5035

# Monochromacy



## Original Color

64.7200, -23.8960, 2.7772

## Achromatopsia

60.9293, -3.2510, 3.3104

## Achromatomaly

62.0768, -11.2909, 2.6710

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 64.7200, -23.8960, 2.7772 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(116, 186, 174)` looks like.

```
.text, #text, p{  
    color:rgb(116, 186, 174)  
}
```

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(116, 186, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 186, 174) }
```

## Border

The CSS property to change the border of an element to HunterLab 64.7200, -23.8960, 2.7772 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(116, 186, 174) }
```



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

```
.border{ border-color:rgb(116, 186, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 186, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 186, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 186, 174);  
box-shadow:4px 4px 4px 4px rgb(116, 186,  
174) }
```

# Background

The CSS property to change the background color of an element to HunterLab 64.7200, -23.8960, 2.7772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 186, 174) }
```

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

```
.background{ background-color: rgb(116,  
186, 174) }
```

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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