

# Converting Colors

HunterLab(63.0777, -19.7458,  
-2.0647)

Have a look what the booklet for  
HunterLab(63.0777, -19.7458,  
-2.0647) contains.

<b>HunterLab(63.0788, -19.7477, -2.0633)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(63.0788,  
-19.7477, -2.0633)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76B4B4
RGB	118, 180, 180
RGB Percent	46%, 71%, 71%
CMY	0.5372, 0.2941, 0.2941
CMYK	0.34, 0.00, 0.00, 0.29
HSL	180°, 29%, 58%
HSV	180°, 34%, 71%
XYZ	32.0307, 39.7894, 49.1720
YIQ	161.4620, -36.9520, -13.1440

# Conversions

## Conversions Part 2

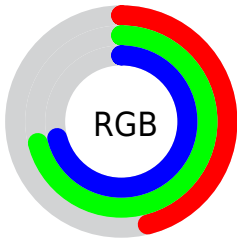
Format	Color
R <sub>Y</sub> B	118, 149, 180
Decimal	7779508
CIE Lab	69.32, -19.81, -6.34
CIE LCh	69, 20.799, 197.749
Yxy	39.7909, 0.2647, 0.3289
Android (android.graphics.Color)	4285969588 (0xFF76B4B4)
YUV	161.4620, 9.1392, -38.1162
Hunter-Lab	63.0788, -19.7477, -2.0633

# Details

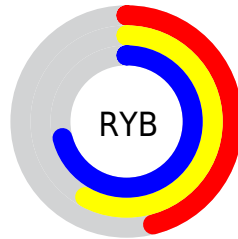
The HunterLab color  $63.0788, -19.7477, -2.0633$  is a light color, and the websafe version is hex  $99CCCC$ . A complement of this color would be  $48.9584, 18.4955, 9.7336$ , and the grayscale version is  $59.8642, -3.1942, 3.2525$ .

A 20% lighter version of the original color is  $86.5629, -22.8740, -1.4152$ , and  $42.2313, -16.4210, -2.4538$  is the 20% darker color. If you saturate the color by 10%, you get  $62.1680, -23.1848, -3.2796$ , and if you desaturate by 10%, it is  $64.1667, -15.7234, -0.6352$ .

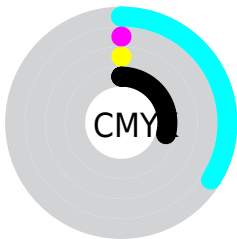
# Distribution



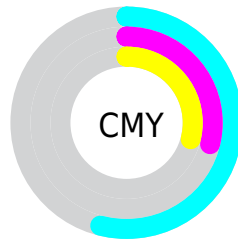
- Red (46%)
- Green (71%)
- Blue (71%)



- Red (46%)
- Yellow (58%)
- Blue (71%)



- Cyan (34%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)



- Cyan (54%)
- Magenta (29%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.0788, -19.7477, -2.0633 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 63.0788, -19.7477, -2.0633 by changing the saturation by 10% instead.



63.0788, -19.7477,  
-2.0633

63.0788, -19.7477,  
-2.0633

185.8068,  
-34.0705, 2.4062

52.3217, -18.0722,  
-2.3450

86.5130, -23.0089,  
-1.3480

42.2558, -16.3492,  
-2.5716

99.1224, -24.6095,  
-0.9237

32.9337, -14.5597,  
-2.7356

112.2911,  
-26.1978, -0.4586

24.4204, -12.6736,  
-2.8284

125.9963,  
-27.7780, 0.0449

16.8016, -10.6395,  
-2.8385

140.2177,  
-29.3530, 0.5848

10.1981, -9.1451,  
-2.7503

154.9372,

0.0000, NaN, -NF

-30.9255, 1.1594

0.0000, NaN, NaN

170.1385,  
-32.4974, 1.7669

0.0000, NaN, NaN

■ 63.0788, -19.7477,  
-2.0633

■ 63.0788, -19.7477,  
-2.0633

■ 62.1680, -23.1848,  
-3.2796

■ 64.1667, -15.7234,  
-0.6352

■ 61.4273, -26.0169,  
-4.2820

■ 65.4290, -11.1383,  
0.9923

■ 60.8516, -28.2441,  
-5.0697

■ 66.8658, -6.0309,  
2.8076

■ 60.4318, -29.8833,  
-5.6490

■ 68.4740, -0.4455,  
4.7954

■ 60.1548, -30.9718,  
-6.0335

■ 70.2494, 5.5698,  
6.9394

■ 60.0030, -31.5707,  
-6.2449

■ 72.1864, 11.9657,  
9.2226

■ 59.9492, -31.7835,  
-6.3199

■ 74.2788, 18.6941,  
11.6285

■ 75.6303, 22.9477,  
13.1515

■ 75.6303, 22.9478,  
13.1512

# Harmonies

## Analogous

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



63.0801, -20.1513, 6.9901



63.0788, -19.7477, -2.0633



63.0801, -15.1201, -10.7372

# Triad

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



63.0801, -19.7484, -2.0624



63.0801, 10.6422, -9.3199



63.0801, 0.5304, 18.0888

# Complementary

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



63.0788, -19.7477, -2.0633



48.9584, 18.4955, 9.7336

# 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.



63.0801, 9.3103, 14.9281



63.0788, -19.7477, -2.0633



63.0801, 15.3744, -0.3428

# Square

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



63.0801, -19.7484, -2.0624



63.0801, 2.2623, -15.3325



63.0801, 14.8731, 8.4757



63.0801, -8.8098, 17.7690



# Rectangle

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



63.0788, -19.7477, -2.0633



63.0801, -10.0989, -14.7370



63.0801, 14.8731, 8.4757



63.0801, 3.6551, 17.4199

# Sweetspot

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



63.0801, -19.7484, -2.0624



88.9002, -12.1420, 2.3509



61.5438, -28.7977, 20.9062



41.2078, -6.0809, 0.9380



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978



# Same Dimension

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



63.0801, -19.7484, -2.0624



84.0246, -30.0303, -3.9952



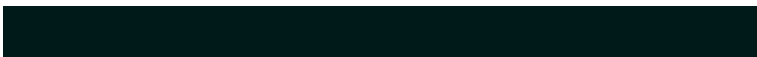
53.8251, -5.9067, -14.5027



31.0348, -4.0263, 0.8919



50.0821, -26.5522, -5.2797



8.8837, -4.7098, -0.9366



# Inverse Universe

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



48.9584, 18.4955, 9.7336



61.4306, 31.6649, 15.0476



56.7292, 3.5476, 17.1043



29.1638, 0.9664, 2.4298



26.0237, 44.5664, 16.8155

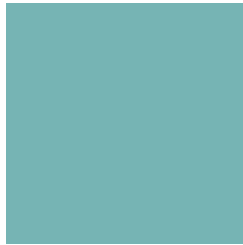


4.6161, 7.9053, 2.9825



# Previews

## White Background



This preview shows how the HunterLab color 63.0788, -19.7477, -2.0633 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 63.0788, -19.7477, -2.0633 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

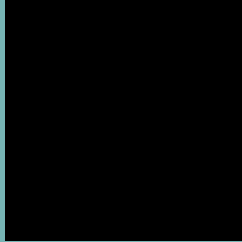
Any Text WCAG AA ✓ Pass

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 63.0788, -19.7477, -2.0633 Background



This preview shows how black text looks on a background with the HunterLab color 63.0788, -19.7477, -2.0633.



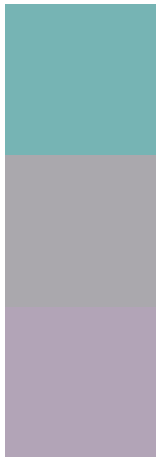
This preview shows how white text looks on a background with the HunterLab color 63.0788,

-19.7477, -2.0633.

# 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

63.0788, -19.7477, -2.0633

### Protanopia

62.9035, -1.9000, 1.4635

### Deuteranopia

62.7971, 4.3241, -3.5267



## Tritanopia

63.0171, -15.8988, -8.3672

# Trichromacy



## Original Color

63.0788, -19.7477, -2.0633

## Protanomaly

62.6250, -8.8315, -0.4523

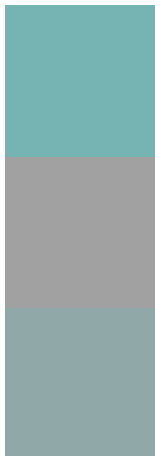
## Deuteranomaly

62.6057, -5.4107, -3.4295

## Tritanomaly

63.1380, -17.3573, -6.0758

# Monochromacy



## Original Color

63.0788, -19.7477, -2.0633

## Achromatopsia

59.6993, -3.1854, 3.2436

## Achromatomaly

60.7060, -9.9444, 1.0510

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 63.0788, -19.7477, -2.0633 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(118, 180, 180)` looks like.

```
.text, #text, p{  
    color:rgb(118, 180, 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(118, 180, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 180, 180) }
```

## Border

The CSS property to change the border of an element to HunterLab 63.0788, -19.7477, -2.0633 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".

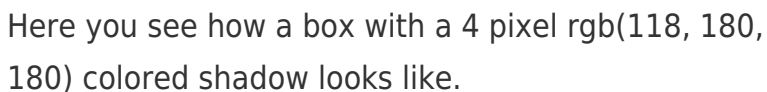
```
.border, #border, table{ border:4px solid rgb(118, 180, 180) }
```



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

```
.border{ border-color:rgb(118, 180, 180) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 180, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 180, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 180, 180); box-shadow:4px 4px 4px 4px rgb(118, 180, 180) }
```

# Background

The CSS property to change the background color of an element to HunterLab 63.0788, -19.7477, -2.0633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 180, 180) }
```

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

```
.background{ background-color: rgb(118,  
180, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor