

# Converting Colors

HunterLab(63.6454, -20.0048,  
3.6222)

Have a look what the booklet for  
HunterLab(63.6454, -20.0048,  
3.6222) contains.

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# Color

**HunterLab(63.6704,  
-19.8002, 3.4730)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80B5AA
RGB	128, 181, 170
RGB Percent	50%, 71%, 67%
CMY	0.4980, 0.2902, 0.3333
CMYK	0.29, 0.00, 0.06, 0.29
HSL	168°, 26%, 61%
HSV	168°, 29%, 71%
XYZ	32.6816, 40.5392, 44.1325
YIQ	163.8990, -28.0570, -14.6570

# Conversions

## Conversions Part 2

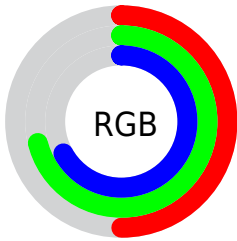
Format	Color
<b>RYB</b>	128, 158, 181
Decimal	8435114
CIELab	69.85, -19.76, 0.01
CIElCh	70, 19.764, 179.972
Yxy	40.5408, 0.2785, 0.3454
Android (android.graphics.Color)	4286625194 (0xFF80B5AA)
YUV	163.8990, 3.0078, -31.4834
Hunter-Lab	63.6704, -19.8002, 3.4730

# Details

The HunterLab color **63.6704, -19.8002, 3.4730** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.0838, 16.5925, 4.5768**, and the grayscale version is **60.8853, -3.2487, 3.3080**.

A 20% lighter version of the original color is **87.1491, -23.1331, 4.8333**, and **42.8067, -16.3255, 2.3521** is the 20% darker color. If you saturate the color by 10%, you get **62.5460, -24.2719, 3.8060**, and if you desaturate by 10%, it is **64.9739, -14.7666, 3.3493**.

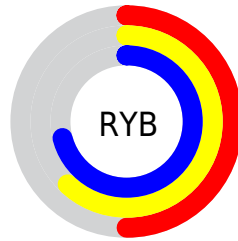
# Distribution



Red (50%)

Green (71%)

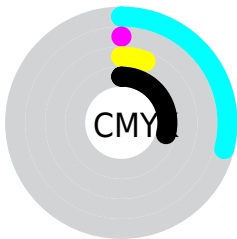
Blue (67%)



Red (50%)

Yellow (62%)

Blue (71%)

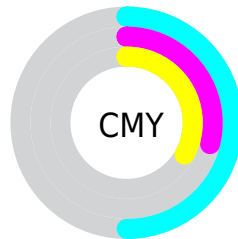


Cyan (29%)

Magenta (0%)

Yellow (6%)

Black (29%)



Cyan (50%)

Magenta (29%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.6704, -19.8002, 3.4730 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 63.6704, -19.8002, 3.4730 by changing the saturation by 10% instead.



■ 63.6704, -19.8002,  
3.4730

■ 63.6704, -19.8002,  
3.4730

186.6542,  
-34.1005, 10.1716

■ 52.8777, -18.1297,  
2.8859

■ 87.1702, -23.0542,  
4.7539

■ 42.7737, -16.4124,  
2.3353

■ 99.8100, -24.6519,  
5.4423

■ 33.4105, -14.6302,  
1.8251

■ 113.0078,  
-26.2376, 6.1611

■ 24.8522, -12.7537,  
1.3587

126.7410,  
-27.8154, 6.9090

■ 17.1831, -10.7334,  
0.9405

140.9893,  
-29.3883, 7.6849

■ 10.5216, -9.0091,  
0.5771

155.7349,

0.0000, NaN, NaN

-30.9589, 8.4879

0.0000, NaN, NaN

170.9614,  
-32.5290, 9.3171

0.0000, NaN, NaN

■ 63.6704, -19.8002,  
3.4730

■ 63.6704, -19.8002,  
3.4730

■ 62.5460, -24.2719,  
3.8060

■ 64.9739, -14.7666,  
3.3493

■ 61.5956, -28.1475,  
4.3406

■ 66.4516, -9.2101,  
3.4327

■ 60.8169, -31.4095,  
5.0678

■ 68.1019, -3.1794,  
3.7207

■ 60.2030, -34.0560,  
5.9728

■ 69.9201, 3.2740,  
4.2066

■ 59.7437, -36.1050,  
7.0352

■ 71.9008, 10.0982,  
4.8812

■ 59.4244, -37.5981,  
8.2295

■ 74.0376, 17.2425,  
5.7336

■ 59.2132, -38.6539,  
9.5107

■ 76.3233, 24.6596,  
6.7519

■ 59.1992, -38.7250,  
9.6024

■ 76.4736, 25.3523,  
5.1728

■ 76.5898, 25.9440,  
3.5142

# Harmonies

## Analogous

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



63.6717, -17.7037, 11.1670



63.6704, -19.8002, 3.4730



63.6717, -17.7114, -5.3205

# Triad

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



63.6717, -19.8011, 3.4739



63.6717, 5.4788, -12.5106



63.6717, 5.4943, 16.1364

# Complementary

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



63.6704, -19.8002, 3.4730



52.0838, 16.5925, 4.5768

# 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.



63.6717, 12.2973, 11.1548



63.6704, -19.8002, 3.4730



63.6717, 12.2880, -5.3364

# Square

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



63.6717, -19.8011, 3.4739



63.6717, -3.4092, -15.2953



63.6717, 14.8484, 3.4578



63.6717, -3.3923, 17.8301



# Rectangle

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



63.6704, -19.8002, 3.4730



63.6717, -14.1548, -10.4748



63.6717, 14.8484, 3.4578



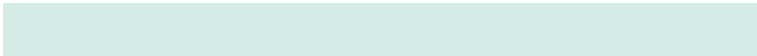
63.6717, 8.1180, 14.8284

# Sweetspot

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



63.6717, -19.8011, 3.4739



88.9563, -12.2231, 4.5972



63.3550, -23.1083, 19.5221



41.2172, -6.1985, 2.1216



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.



63.6717, -19.8011, 3.4739



84.2314, -30.3606, 4.8969



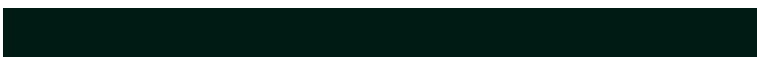
59.3239, -10.9107, -7.3289



30.9850, -4.3028, 1.6005



49.1618, -32.0888, 7.8226



8.7640, -5.4276, 0.7625



# Inverse Universe

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



52.0838, 16.5925, 4.5768



65.6466, 28.2759, 6.8065



55.7076, 7.5418, 12.7227



29.2116, 1.2238, 1.7473



26.2208, 45.2966, 13.8987



4.7401, 8.3623, 1.1659



# Previews

## White Background



This preview shows how the HunterLab color 63.6704, -19.8002, 3.4730 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 63.6704, -19.8002, 3.4730 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

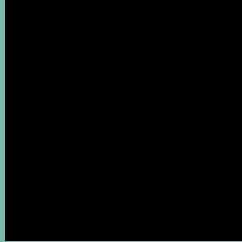
Any Text WCAG AA ✓ Pass

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 63.6704, -19.8002, 3.4730 Background



This preview shows how black text looks on a background with the HunterLab color 63.6704, -19.8002, 3.4730.



This preview shows how white text looks on a background with the HunterLab color 63.6704, -19.8002, 3.4730.

-19.8002, 3.4730.

# 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

63.6704, -19.8002, 3.4730

### Protanopia

63.3516, -2.4493, 6.5652

### Deuteranopia

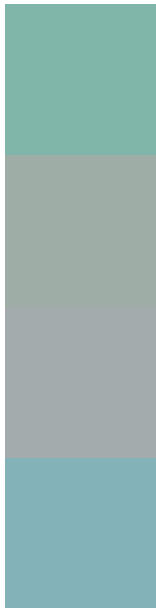
63.4363, 4.3696, 2.2146



## Tritanopia

63.7441, -13.2416, -7.3376

# Trichromacy



**Original Color**

63.6704, -19.8002, 3.4730

**Protanomaly**

63.1739, -9.0412, 4.9107

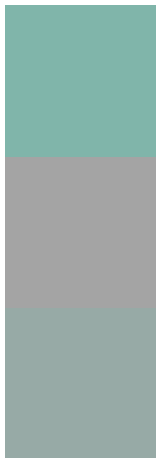
**Deuteranomaly**

63.2431, -5.3443, 2.2864

**Tritanomaly**

63.6602, -15.7011, -3.2821

# Monochromacy



**Original Color**

63.6704, -19.8002, 3.4730

**Achromatopsia**

60.9293, -3.2510, 3.3104

**Achromatomaly**

61.7106, -9.5890, 3.1966

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 63.6704, -19.8002, 3.4730 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, 181, 170)` looks like.

```
.text, #text, p{  
    color:rgb(128, 181, 170)  
}
```

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, 181, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 181, 170) }
```

## Border

The CSS property to change the border of an element to HunterLab 63.6704, -19.8002, 3.4730 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, 181, 170) }
```



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

```
.border{ border-color:rgb(128, 181, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 181, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 181, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 181, 170);  
box-shadow:4px 4px 4px 4px rgb(128, 181,  
170) }
```

# Background

The CSS property to change the background color of an element to HunterLab 63.6704, -19.8002, 3.4730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 181, 170) }
```

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

```
.background{ background-color: rgb(128,  
181, 170) }
```

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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