

Converting Colors

HunterLab(63.8396, -11.4896,
-18.0996)

Have a look what the booklet for
HunterLab(63.8396, -11.4896,
-18.0996) contains.

HunterLab(63.8396, -11.4894, -18.0996)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(63.8396,
-11.4894, -18.0996)**

Conversions

Conversions Part 1

Format	Color
Hex	7BB2D3
RGB	123, 178, 211
RGB Percent	48%, 70%, 83%
CMY	0.5176, 0.3019, 0.1725
CMYK	0.42, 0.16, 0.00, 0.17
HSL	202°, 50%, 65%
HSV	202°, 42%, 83%
XYZ	35.8467, 40.7549, 67.6053
YIQ	165.3170, -43.3730, -1.3970

Conversions

Conversions Part 2

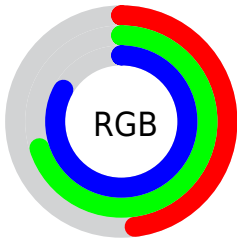
Format	Color
RYB	123, 157, 211
Decimal	8106707
CIELab	70.00, -9.46, -22.34
CIELCh	70, 24.259, 247.054
Yxy	40.7565, 0.2486, 0.2826
Android (android.graphics.Color)	4286296787 (0xFF7BB2D3)
YUV	165.3170, 22.5217, -37.1120
Hunter-Lab	63.8396, -11.4894, -18.0996

Details

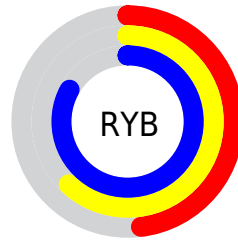
The HunterLab color $63.8396, -11.4894, -18.0996$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $62.4955, 11.5319, 20.9323$, and the grayscale version is $61.3950, -3.2759, 3.3357$.

A 20% lighter version of the original color is $86.9766, -16.6292, -11.1885$, and $42.7744, -9.2619, -17.4014$ is the 20% darker color. If you saturate the color by 10%, you get $60.2544, -11.7775, -23.7202$, and if you desaturate by 10%, it is $67.6196, -10.5818, -12.5556$.

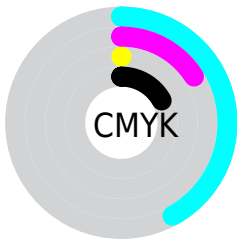
Distribution



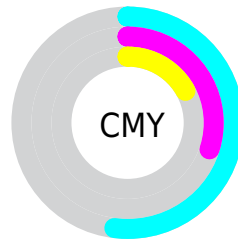
- Red (48%)
- Green (70%)
- Blue (83%)



- Red (48%)
- Yellow (62%)
- Blue (83%)



- Cyan (42%)
- Magenta (16%)
- Yellow (0%)
- Black (17%)



- Cyan (52%)
- Magenta (30%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.8396, -11.4894, -18.0996 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 63.8396, -11.4894, -18.0996 by changing the saturation by 10% instead.

■ 63.8396, -11.4894,
-18.0996

■ 63.8396, -11.4894,
-18.0996

186.8962,
-21.6939, -18.4824

■ 53.0367, -10.4028,
-17.7778

■ 87.3580, -13.6799,
-18.5545

■ 42.9218, -9.3159,
-17.3940

■ 100.0065,
-14.7880, -18.6950

■ 33.5470, -8.2226,
-16.9503

■ 113.2126,
-15.9070, -18.7809

■ 24.9759, -7.1123,
-16.4603

126.9537,
-17.0379, -18.8151

■ 17.2925, -5.9670,
-15.9676

141.2097,
-18.1816, -18.8000

■ 10.6145, -4.7540,
-15.6151

155.9627,

■ 0.2350, -0.4113,

-19.3385, -18.7381

-427.3520

171.1964,
-20.5092, -18.6315

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 63.8396, -11.4894,
-18.0996

■ 63.8396, -11.4894,
-18.0996

■ 60.2544, -11.7775,
-23.7202

■ 67.6196, -10.5818,
-12.5556

■ 56.8748, -11.3827,
-29.3992

■ 71.5761, -9.1170,
-7.1049

■ 53.7157, -10.2510,
-35.1043

■ 75.6966, -7.1564,
-1.7527

■ 50.7877, -8.3465,
-40.7971


■ 79.9680, -4.7558,
3.4996

■ 48.0947, -5.6680,


■ 84.3785, -1.9658,


-46.4382


8.6546

 46.0137, -2.9666,
-51.1090

 88.9174, 1.1693,
13.7170

 91.9031, -1.0845,
16.8523

 94.3677, -5.2278,
19.3368

 96.8747, -9.3364,
21.8117

Harmonies

Analogous

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



63.8408, -19.5084, -9.9540



63.8396, -11.4894, -18.0996



63.8408, -0.7776, -20.0344

Triad

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



63.8408, -11.4898, -18.0984



63.8408, 19.0924, 5.9094



63.8408, -15.7237, 17.6017

Complementary

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



63.8396, -11.4894, -18.0996



62.4955, 11.5319, 20.9323

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.



63.8408, -6.0001, 20.4662



63.8396, -11.4894, -18.0996



63.8408, 14.4612, 14.5012

Square

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



63.8408, -11.4898, -18.0984



63.8408, 17.3744, -4.9244



63.8408, 5.0932, 19.4363



63.8408, -21.8342, 10.8685

Rectangle

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



63.8396, -11.4894, -18.0996



63.8408, 6.5520, -17.2906



63.8408, 5.0932, 19.4363



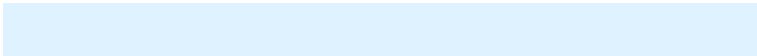
63.8408, -12.7959, 18.9917

Sweetspot

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



63.8408, -11.4898, -18.0984



93.0427, -9.2508, -3.1168



72.9219, -36.0583, 18.9929



42.5139, -4.5453, -2.1233

0.0000, NaN, NaN



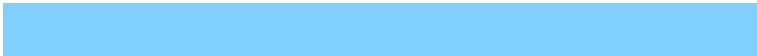
46.2646, -2.4686, 2.5136

Same Dimension

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



63.8408, -11.4898, -18.0984



75.1583, -14.5930, -28.5764



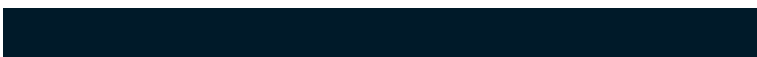
51.1557, 10.1132, -39.7294



35.5401, -3.0785, -0.2481



36.0279, -2.7687, -39.0549



9.3571, -1.9688, -7.4456

Inverse Universe

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



55.8842, 36.3038, -9.6170



64.0956, 55.4273, -14.2518



74.9998, -10.0479, 31.2238



34.5409, 2.1611, 0.3512



30.6294, 55.7963, -6.1184



7.3463, 13.5658, -2.8889

Previews

White Background



This preview shows how the HunterLab color 63.8396, -11.4894, -18.0996 looks on a white background.

Color Contrast Check

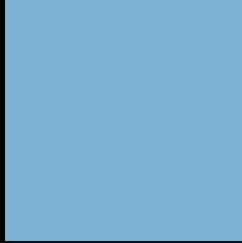
Large Text (above 18pt) WCAG AA × Fail

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 63.8396, -11.4894, -18.0996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

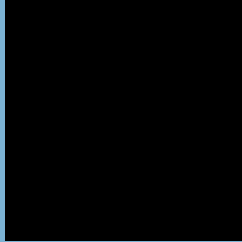
Any Text WCAG AA ✓ Pass

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 63.8396, -11.4894, -18.0996 Background



This preview shows how black text looks on a background with the HunterLab color 63.8396, -11.4894, -18.0996.



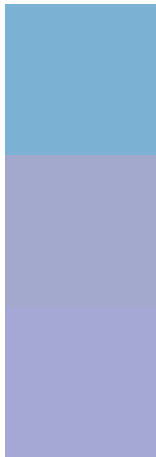
This preview shows how white text looks on a background with the HunterLab color 63.8396, -11.4894, -18.0996.

-11.4894, -18.0996.

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

63.8396, -11.4894, -18.0996

Protanopia

63.6948, 1.5047, -14.4887

Deuteranopia

63.5931, 4.7664, -19.4219



Tritanopia

63.9608, -17.0955, -8.7464

Trichromacy



Original Color

63.8396, -11.4894, -18.0996

Protanomaly

63.4870, -3.6210, -16.0721

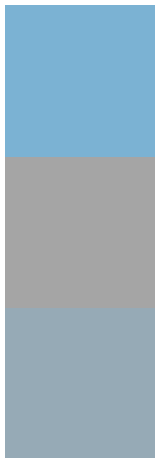
Deuteranomaly

63.5321, -1.5386, -19.0071

Tritanomaly

63.9161, -15.1980, -12.1402

Monochromacy



Original Color

63.8396, -11.4894, -18.0996

Achromatopsia

61.3402, -3.2730, 3.3327

Achromatomaly

62.1377, -7.0607, -4.0625

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.8396, -11.4894, -18.0996 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(123, 178, 211)` looks like.

```
.text, #text, p{  
    color:rgb(123, 178, 211)  
}
```

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(123, 178, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 178, 211) }
```

Border

The CSS property to change the border of an element to HunterLab 63.8396, -11.4894, -18.0996 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(123, 178, 211) }
```


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

```
.border{ border-color:rgb(123, 178, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 178, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 178, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 178, 211);  
box-shadow:4px 4px 4px 4px rgb(123, 178,  
211) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.8396, -11.4894, -18.0996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 178, 211) }
```

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

```
.background{ background-color: rgb(123,  
178, 211) }
```

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