

# Converting Colors

HunterLab(80.0291, -18.0055,  
-10.3596)

Have a look what the booklet for  
HunterLab(80.0291, -18.0055,  
-10.3596) contains.

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# Color

**HunterLab(80.0291,  
-18.0055, -10.3596)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EDBED
RGB	158, 219, 237
RGB Percent	62%, 86%, 93%
CMY	0.3804, 0.1412, 0.0706
CMYK	0.33, 0.08, 0.00, 0.07
HSL	194°, 69%, 77%
HSV	194°, 33%, 93%
XYZ	54.7181, 64.0466, 89.5991
YIQ	202.8130, -42.1340, -7.3340

# Conversions

## Conversions Part 2

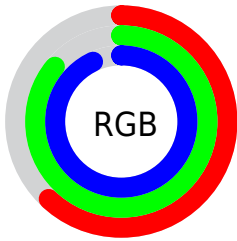
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 192, 237
Decimal	10410989
CIELab	83.99, -15.05, -15.02
CIELCh	84, 21.262, 224.945
Yxy	64.0491, 0.2626, 0.3074
Android (android.graphics.Color)	4288601069 (0xFF9EDBED)
YUV	202.8130, 16.8542, -39.3010
Hunter-Lab	80.0291, -18.0055, -10.3596

# Details

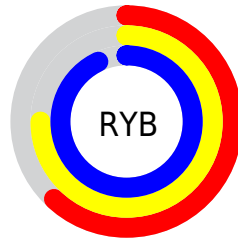
The HunterLab color **80.0291, -18.0055, -10.3596** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71.7806, 15.1907, 17.7766**, and the grayscale version is **77.1436, -4.1162, 4.1914**.

A 20% lighter version of the original color is **96.5335, -17.6137, 1.0679**, and **57.2457, -15.3370, -10.2712** is the 20% darker color. If you saturate the color by 10%, you get **76.8772, -20.5008, -14.7799**, and if you desaturate by 10%, it is **83.3978, -14.8031, -5.8309**.

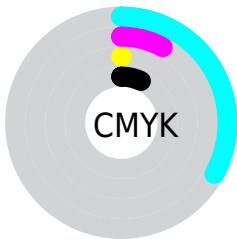
# Distribution



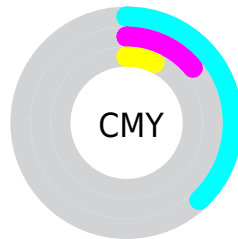
- Red (62%)
- Green (86%)
- Blue (93%)



- Red (62%)
- Yellow (75%)
- Blue (93%)



- Cyan (33%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (38%)
- Magenta (14%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.0291, -18.0055, -10.3596 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 80.0291, -18.0055, -10.3596 by changing the saturation by 10% instead.



80.0291, -18.0055,  
-10.3596

80.0291, -18.0055,  
-10.3596

209.6108,  
-30.4424, -8.0711

68.3304, -16.6256,  
-10.3716

105.2053,  
-20.7504, -10.1662

57.2634, -15.2323,  
-10.3243

118.6273,  
-22.1208, -9.9947

46.8683, -13.8189,  
-10.2114

132.5759,  
-23.4935, -9.7767

37.1917, -12.3742,  
-10.0278

147.0321,  
-24.8702, -9.5149

28.2914, -10.8816,  
-9.7689

161.9786,  
-26.2524, -9.2115

20.2424, -9.3134,  
-9.4336

177.3998,

13.1464, -7.6199,

-27.6412, -8.8686

-9.0363

193.2815,  
-29.0377, -8.4879

■ 6.6473, -10.2199,  
-10.0600

0.0000, NaN, -NF

■ 80.0291, -18.0055,  
-10.3596

■ 80.0291, -18.0055,  
-10.3596

■ 76.8772, -20.5008,  
-14.7799

■ 83.3978, -14.8031,  
-5.8309

■ 73.9461, -22.2325,  
-19.0658

■ 86.9684, -10.9508,  
-1.2246

■ 71.2435, -23.1589,  
-23.1843

■ 90.7316, -6.5103,  
3.4374

■ 68.7716, -23.2564,  
-27.1059

■ 94.6760, -1.5410,  
8.1363

■ 66.5268, -22.5301,  
-30.8072

■ 96.5850, -3.6503,  
10.2674

■ 64.4960, -21.0280,  
-34.2806

■ 98.2951, -6.4941,  
12.1271

■ 63.2334, -19.7016,  
-36.5062

■ 99.4457, -8.3808,  
13.3622

# Harmonies

## Analogous

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



80.0307, -22.7788, -0.7321



80.0291, -18.0055, -10.3596



80.0307, -9.4273, -16.3890

# Triad

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



80.0307, -18.0063, -10.3583



80.0307, 16.0697, -0.7695



80.0307, -9.3913, 20.7119

# Complementary

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



80.0291, -18.0055, -10.3596



71.7806, 15.1907, 17.7766

# 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.



80.0307, 1.0120, 20.7046



80.0291, -18.0055, -10.3596



80.0307, 16.0805, 9.1310

# Square

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



80.0307, -18.0063, -10.3583



80.0307, 10.4215, -10.3887



80.0307, 10.4505, 16.7178



80.0307, -17.9812, 16.7392



# Rectangle

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



80.0291, -18.0055, -10.3596



80.0307, -2.5348, -17.1240



80.0307, 10.4505, 16.7178



80.0307, -5.9995, 21.1565

# Sweetspot

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



80.0307, -18.0063, -10.3583



95.8278, -10.3782, 0.3318



84.2250, -36.9019, 22.6593



44.0706, -5.1069, -0.1764

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

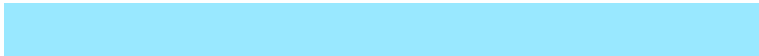


# Same Dimension

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



80.0307, -18.0063, -10.3583



84.6001, -21.5039, -14.5499



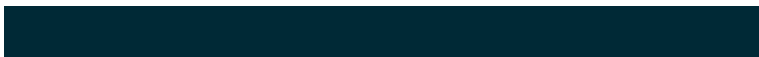
67.9578, 1.3389, -28.0039



40.6276, -4.2731, 0.2642



46.9435, -14.8670, -26.5817



13.6833, -4.8944, -6.5374



# Inverse Universe

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



68.9742, 34.4147, -14.5067



70.6082, 46.2260, -19.6400



82.9942, -4.7940, 27.9468



39.0533, 2.7738, -0.3411



34.2308, 64.1355, -20.6268

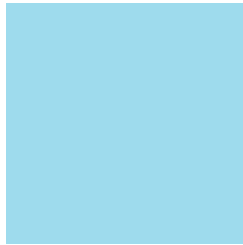


9.6666, 18.2358, -6.7886



# Previews

## White Background



This preview shows how the HunterLab color 80.0291, -18.0055, -10.3596 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

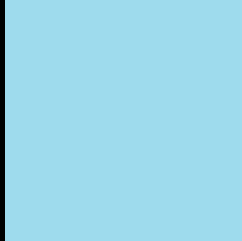
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 80.0291, -18.0055, -10.3596 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

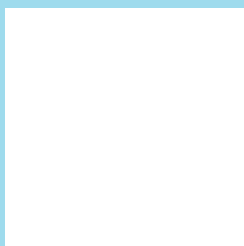
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 80.0291, -18.0055, -10.3596 Background



This preview shows how black text looks on a background with the HunterLab color 80.0291, -18.0055, -10.3596.



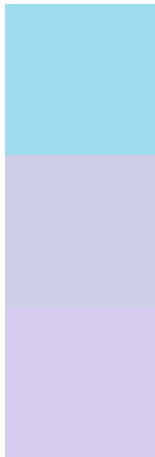
This preview shows how white text looks on a background with the HunterLab color 80.0291, -18.0055, -10.3596.

-18.0055, -10.3596.

# 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

80.0291, -18.0055, -10.3596

### Protanopia

79.6622, -0.3741, -6.6371

### Deuteranopia

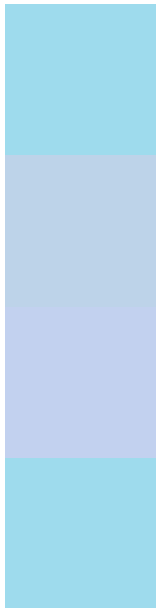
79.8581, 5.6549, -11.8983



## Tritanopia

80.0291, -18.0055, -10.3596

# Trichromacy



## Original Color

80.0291, -18.0055, -10.3596

## Protanomaly

79.5554, -6.8681, -8.5518

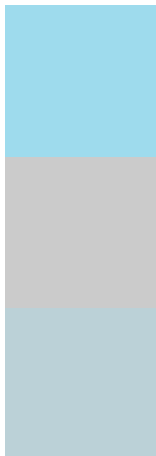
## Deuteranomaly

79.5627, -3.2137, -11.8840

## Tritanomaly

80.0291, -18.0055, -10.3596

# Monochromacy



## Original Color

80.0291, -18.0055, -10.3596

## Achromatopsia

77.2788, -4.1234, 4.1987

## Achromatomaly

78.1486, -9.8555, -0.7935

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.0291, -18.0055, -10.3596 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(158, 219, 237)` looks like.

```
.text, #text, p{  
    color:rgb(158, 219, 237)  
}
```

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(158, 219, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 219, 237) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.0291, -18.0055, -10.3596 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(158, 219, 237) }
```



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

```
.border{ border-color:rgb(158, 219, 237) }
```

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

Here you see how a box with a 4 pixel rgb(158, 219, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 219, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 219, 237);  
box-shadow:4px 4px 4px 4px rgb(158, 219,  
237) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.0291, -18.0055, -10.3596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 219, 237) }
```

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

```
.background{ background-color: rgb(158,  
219, 237) }
```

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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