

# Converting Colors

HunterLab(76.4025, -25.5980,  
5.1709)

Have a look what the booklet for  
HunterLab(76.4025, -25.5980,  
5.1709) contains.

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# Color

**HunterLab(76.4025,  
-25.5980, 5.1709)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93D6C6
RGB	147, 214, 198
RGB Percent	58%, 84%, 78%
CMY	0.4235, 0.1608, 0.2235
CMYK	0.31, 0.00, 0.07, 0.16
HSL	166°, 45%, 71%
HSV	166°, 31%, 84%
XYZ	46.2723, 58.3734, 62.2545
YIQ	192.1430, -34.7960, -19.1800

# Conversions

## Conversions Part 2

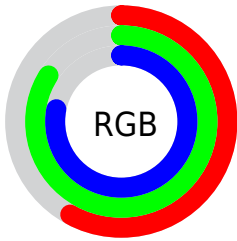
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 185, 214
Decimal	9688774
CIELab	80.95, -24.54, 1.15
CIElCh	81, 24.562, 177.311
Yxy	58.3758, 0.2772, 0.3498
Android (android.graphics.Color)	4287878854 (0xFF93D6C6)
YUV	192.1430, 2.8875, -39.5904
Hunter-Lab	76.4025, -25.5980, 5.1709

# Details

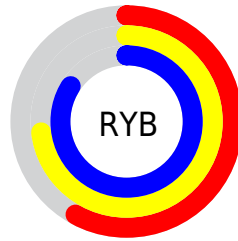
The HunterLab color  $76.4025, -25.5980, 5.1709$  is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be  $61.4894, 22.3818, 4.8682$ , and the grayscale version is  $72.6633, -3.8771, 3.9479$ .

A 20% lighter version of the original color is  $95.6224, -20.9166, -0.1049$ , and  $54.0274, -21.7031, 3.9558$  is the 20% darker color. If you saturate the color by 10%, you get  $75.0640, -30.9958, 5.9120$ , and if you desaturate by 10%, it is  $77.9625, -19.4952, 4.6774$ .

# Distribution



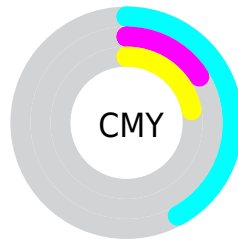
- Red (58%)
- Green (84%)
- Blue (78%)



- Red (58%)
- Yellow (73%)
- Blue (84%)



- Cyan (31%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)




- Cyan (42%)
- Magenta (16%)
- Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.4025, -25.5980, 5.1709 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 76.4025, -25.5980, 5.1709 by changing the saturation by 10% instead.





 76.4025, -25.5980,  
5.1709

 76.4025, -25.5980,  
5.1709


204.5934,  
-41.6783, 12.5480

 64.8929, -23.7043,  
4.4909


 101.2274,  
-29.2833, 6.6241

 54.0260, -21.7595,  
3.8417


 114.4849,  
-31.0883, 7.3929

 43.8442, -19.7480,  
3.2258


128.2753,  
-32.8761, 8.1888

 34.3971, -17.6457,  
2.6450

142.5789,  
-34.6509, 9.0111

 25.7471, -15.4154,  
2.1013

157.3779,  
-36.4160, 9.8589

 17.9757, -12.9955,  
1.5969

172.6561,

 11.1966, -10.7785,

-38.1742, 10.7314

1.1340

188.3991,  
-39.9276, 11.6280

■ 3.2383, -5.6671,  
1.6512

0.0000, NaN, NaN

■ 76.4025, -25.5980,  
5.1709

■ 76.4025, -25.5980,  
5.1709

■ 75.0640, -30.9958,  
5.9120

■ 77.9625, -19.4952,  
4.6774

■ 73.9403, -35.6477,  
6.8874

■ 79.7384, -12.7352,  
4.4326

■ 73.0276, -39.5350,  
8.0818

■ 81.7284, -5.3789,  
4.4367

■ 72.3164, -42.6598,  
9.4727

■ 83.9272, 2.5089,  
4.6844

■ 71.7928, -45.0508,  
11.0314

■ 86.3277, 10.8626,  
5.1667

■ 71.4367, -46.7685,  
12.7227

■ 86.5990, 12.0805,  
2.9869

■ 71.2290, -47.8448,  
14.2531

■ 86.7658, 12.9615,  
0.6127

■ 86.9372, 13.8647,  
-1.8215

■ 87.1132, 14.7903,  
-4.3157

# Harmonies

## Analogous

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



76.4041, -22.3823, 14.9950



76.4025, -25.5980, 5.1709



76.4041, -23.3483, -6.5055

# Triad

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



76.4041, -25.5990, 5.1719



76.4041, 6.6922, -17.7936



76.4041, 8.6602, 20.2890

# Complementary

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



76.4025, -25.5980, 5.1709



61.4894, 22.3818, 4.8682

# 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.



76.4041, 17.3081, 13.4779



76.4025, -25.5980, 5.1709



76.4041, 16.1239, -8.5412

# Square

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



76.4041, -25.5990, 5.1719



76.4041, -5.1502, -20.9053



76.4041, 20.1186, 3.1318



76.4041, -3.0055, 22.8467



# Rectangle

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



76.4025, -25.5980, 5.1709



76.4041, -18.9693, -13.6124



76.4041, 20.1186, 3.1318



76.4041, 12.0430, 18.4775

# Sweetspot

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



76.4041, -25.5990, 5.1719



97.7528, -13.5996, 5.3804



76.2024, -28.9441, 24.9707



45.0661, -6.8851, 2.4961

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

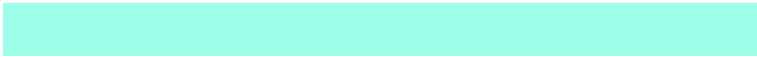


# Same Dimension

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



76.4041, -25.5990, 5.1719



91.9877, -35.9624, 6.9146



71.4887, -14.7546, -8.9722



37.4897, -5.3315, 2.0662



55.3914, -37.1029, 10.8600



13.6495, -8.8331, 2.0073



# Inverse Universe

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



61.4894, 22.3818, 4.8682



70.0671, 34.9474, 6.6840



65.4721, 11.4649, 15.5461



35.3114, 1.6134, 1.9886



29.6645, 51.3365, 15.0205

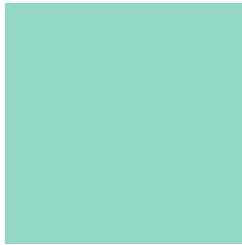


7.3748, 12.9373, 2.3804



# Previews

## White Background



This preview shows how the HunterLab color 76.4025, -25.5980, 5.1709 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

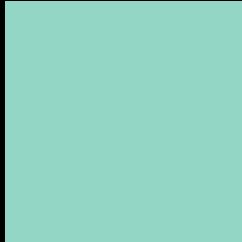
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 76.4025, -25.5980, 5.1709 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

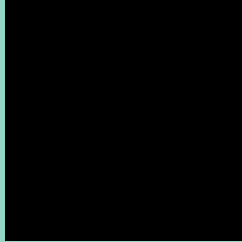
Any Text WCAG AA ✓ Pass

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 76.4025, -25.5980, 5.1709 Background



This preview shows how black text looks on a background with the HunterLab color 76.4025, -25.5980, 5.1709.



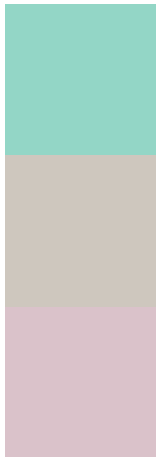
This preview shows how white text looks on a background with the HunterLab color 76.4025,

-25.5980, 5.1709.

# 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

76.4025, -25.5980, 5.1709

### Protanopia

75.9515, -3.2526, 8.7155

### Deuteranopia

75.9956, 5.2732, 3.3264



## Tritanopia

76.4274, -16.8571, -9.5783

# Trichromacy



**Original Color**

76.4025, -25.5980, 5.1709

**Protanomaly**

75.7300, -11.7845, 6.9585

**Deuteranomaly**

75.6286, -6.8631, 3.1613

**Tritanomaly**

76.2402, -19.9818, -3.8931

# Monochromacy



**Original Color**

76.4025, -25.5980, 5.1709

**Achromatopsia**

72.6027, -3.8739, 3.9446

**Achromatomaly**

73.7792, -12.2663, 4.2320

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.4025, -25.5980, 5.1709 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(147, 214, 198)` looks like.

```
.text, #text, p{  
    color:rgb(147, 214, 198)  
}
```

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(147, 214, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 214, 198) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.4025, -25.5980, 5.1709 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(147, 214, 198) }
```



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

```
.border{ border-color:rgb(147, 214, 198) }
```

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

Here you see how a box with a 4 pixel rgb(147, 214, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 214, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 214, 198);  
box-shadow:4px 4px 4px 4px rgb(147, 214,  
198) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.4025, -25.5980, 5.1709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 214, 198) }
```

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

```
.background{ background-color: rgb(147,  
214, 198) }
```

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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