

# Converting Colors

HunterLab(80.2532, -29.6187,  
6.8470)

Have a look what the booklet for  
HunterLab(80.2532, -29.6187,  
6.8470) contains.

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# Color

**HunterLab(80.2578,  
-29.5652, 6.7348)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93E1CC
RGB	147, 225, 204
RGB Percent	58%, 88%, 80%
CMY	0.4235, 0.1176, 0.2000
CMYK	0.35, 0.00, 0.09, 0.12
HSL	164°, 57%, 73%
HSV	164°, 35%, 88%
XYZ	49.8569, 64.4131, 66.9320
YIQ	199.2840, -39.7470, -23.0670

# Conversions

## Conversions Part 2

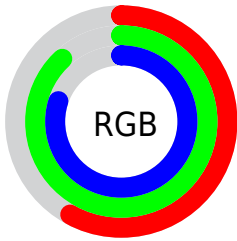
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 192, 225
Decimal	9691596
CIELab	84.18, -28.57, 2.67
CIELCh	84, 28.696, 174.658
Yxy	64.4158, 0.2751, 0.3555
Android (android.graphics.Color)	4287881676 (0xFF93E1CC)
YUV	199.2840, 2.3250, -45.8531
Hunter-Lab	80.2578, -29.5652, 6.7348

# Details

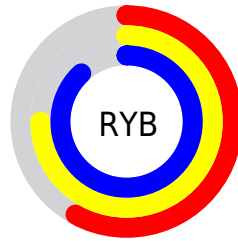
The HunterLab color **80.2578, -29.5652, 6.7348** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **63.0110, 27.2798, 4.4442**, and the grayscale version is **75.6978, -4.0390, 4.1128**.

A 20% lighter version of the original color is **95.6224, -20.9166, -0.1049**, and **57.3630, -25.0581, 5.0846** is the 20% darker color. If you saturate the color by 10%, you get **78.8986, -35.1385, 7.8794**, and if you desaturate by 10%, it is **81.8533, -23.2224, 5.8373**.

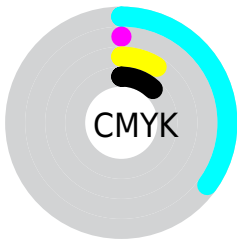
# Distribution



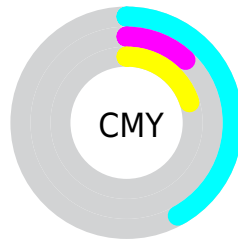
- Red (58%)
- Green (88%)
- Blue (80%)



- Red (58%)
- Yellow (75%)
- Blue (88%)



- Cyan (35%)
- Magenta (0%)
- Yellow (9%)
- Black (12%)



- Cyan (42%)
- Magenta (12%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.2578, -29.5652, 6.7348 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 80.2578, -29.5652, 6.7348 by changing the saturation by 10% instead.



80.2578, -29.5652,  
6.7348

80.2578, -29.5652,  
6.7348

209.9260,  
-47.1695, 14.7123

68.5474, -27.4665,  
5.9732

105.4559,  
-33.6334, 8.3396

57.4680, -25.3060,  
5.2376

118.8881,  
-35.6184, 9.1794

47.0597, -23.0665,  
4.5297

132.8466,  
-37.5796, 10.0437

37.3689, -20.7221,  
3.8499

147.3122,  
-39.5218, 10.9319

28.4533, -18.2335,  
3.1983

162.2679,  
-41.4490, 11.8433

20.3872, -15.5379,  
2.5743

177.6980,

13.2718, -12.5363,

-43.3643, 12.7775

1.9754

193.5884,  
-45.2704, 13.7340

■ 6.8040, -11.9070,  
1.9979

0.0000, NaN, NaN

■ 80.2578, -29.5652,  
6.7348

■ 80.2578, -29.5652,  
6.7348

■ 78.8986, -35.1385,  
7.8794

■ 81.8533, -23.2224,  
5.8373

■ 77.7678, -39.9030,  
9.2524

■ 83.6801, -16.1588,  
5.1932

■ 76.8599, -43.8445,  
10.8326

■ 85.7370, -8.4384,  
4.8069

■ 76.1633, -46.9730,  
12.5916

■ 88.0185, -0.1304,  
4.6768

■ 75.6611, -49.3291,  
14.4948

■ 90.0390, 7.0960,  
4.2017

■ 75.3293, -50.9913,  
16.5009

■ 90.2358, 8.1471,  
1.3986

■ 75.1986, -51.6859,  
17.5833

■ 90.4388, 9.2290,  
-1.4866

■ 90.6481, 10.3418,  
-4.4539

■ 90.7374, 10.8157,  
-5.7177

# Harmonies

## Analogous

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



80.2594, -25.2517, 17.9169



80.2578, -29.5652, 6.7348



80.2594, -27.4977, -7.1689

# Triad

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



80.2594, -29.5662, 6.7359



80.2594, 7.3557, -22.8217



80.2594, 12.0275, 22.7077

# Complementary

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



80.2578, -29.5652, 6.7348



63.0110, 27.2798, 4.4442

# 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.



80.2594, 21.9041, 14.4129



80.2578, -29.5652, 6.7348



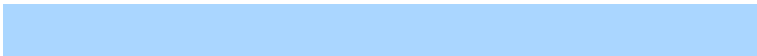
80.2594, 19.0789, -12.0505

# Square

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



80.2594, -29.5662, 6.7359



80.2594, -6.7984, -25.8301



80.2594, 24.5694, 1.9273



80.2594, -1.7438, 26.0616



# Rectangle

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



80.2578, -29.5652, 6.7348



80.2594, -22.6979, -15.9839



80.2594, 24.5694, 1.9273



80.2594, 15.9499, 20.4825

# Sweetspot

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



80.2594, -29.5662, 6.7359



97.4915, -14.6207, 5.7432



80.2532, -32.3970, 28.4905



44.9508, -7.3417, 2.6884

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



80.2594, -29.5662, 6.7359



91.2724, -39.0523, 8.7427



75.3672, -17.7226, -9.9103



39.3777, -5.6717, 2.3049



57.1006, -39.1249, 13.0887



15.0820, -10.0032, 2.7428



# Inverse Universe

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



63.0110, 27.2798, 4.4442



67.5073, 39.7818, 5.8826



66.8065, 15.5543, 16.9392



37.0956, 1.7661, 1.9561



30.7125, 53.2742, 14.5888



8.1765, 14.3593, 2.5175



# Previews

## White Background



This preview shows how the HunterLab color 80.2578, -29.5652, 6.7348 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

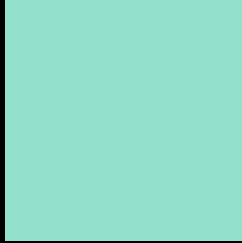
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 80.2578, -29.5652, 6.7348 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

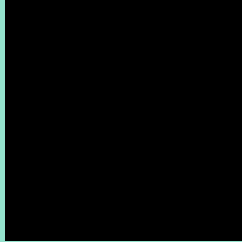
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

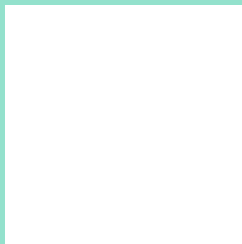
Any Text WCAG AAA ✓ Pass

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

## HunterLab 80.2578, -29.5652, 6.7348 Background



This preview shows how black text looks on a background with the HunterLab color 80.2578, -29.5652, 6.7348.



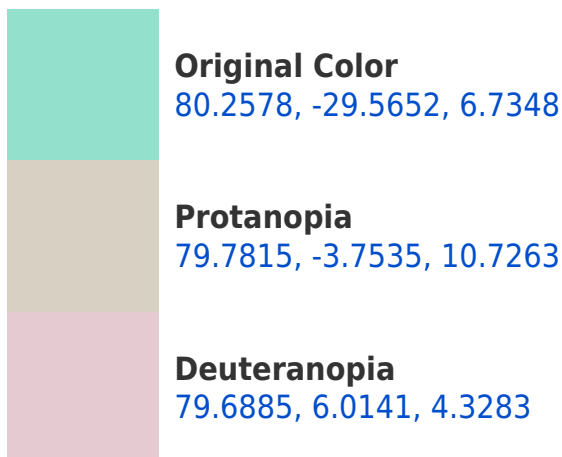
This preview shows how white text looks on a background with the HunterLab color 80.2578,

-29.5652, 6.7348.

# 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





## Tritanopia

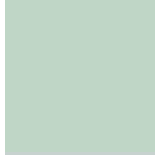
80.2047, -18.9690, -10.7061

# Trichromacy



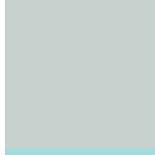
## Original Color

80.2578, -29.5652, 6.7348



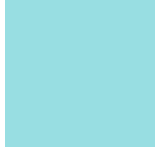
## Protanomaly

79.5278, -14.0980, 8.9274



## Deuteranomaly

79.2088, -8.2205, 4.4774



## Tritanomaly

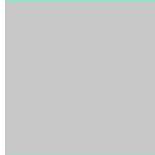
80.2552, -23.0164, -4.1056

# Monochromacy



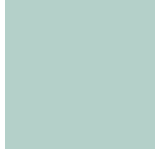
## Original Color

80.2578, -29.5652, 6.7348



## Achromatopsia

75.5728, -4.0324, 4.1060



## Achromatomaly

76.8323, -13.8319, 4.4598

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.2578, -29.5652, 6.7348 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, 225, 204)` looks like.

```
.text, #text, p{  
    color:rgb(147, 225, 204)  
}
```

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, 225, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 225, 204) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.2578, -29.5652, 6.7348 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".

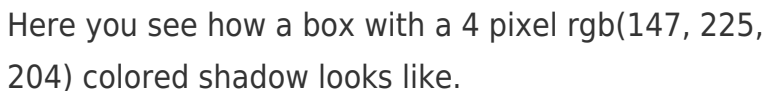
```
.border, #border, table{ border:4px solid rgb(147, 225, 204) }
```



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

```
.border{ border-color:rgb(147, 225, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 225, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 225, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 225, 204);  
box-shadow:4px 4px 4px 4px rgb(147, 225,  
204) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.2578, -29.5652, 6.7348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 225, 204) }
```

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

```
.background{ background-color: rgb(147,  
225, 204) }
```

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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