

# Converting Colors

HunterLab(75.1391, -27.8587,  
-5.7504)

Have a look what the booklet for  
HunterLab(75.1391, -27.8587,  
-5.7504) contains.

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# Color

**HunterLab(75.0867,  
-27.6235, -6.0506)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75D5D9
RGB	117, 213, 217
RGB Percent	46%, 84%, 85%
CMY	0.5412, 0.1647, 0.1490
CMYK	0.46, 0.02, 0.00, 0.15
HSL	182°, 57%, 65%
HSV	182°, 46%, 85%
XYZ	43.6547, 56.3801, 74.2272
YIQ	184.7520, -58.5000, -19.1080

# Conversions

## Conversions Part 2

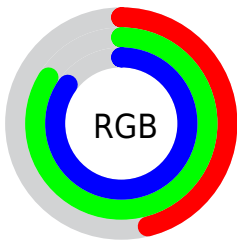
Format	Color
R <sub>Y</sub> B	117, 166, 217
Decimal	7722457
CIE Lab	79.83, -27.28, -10.80
CIE LCh	80, 29.343, 201.589
Yxy	56.3823, 0.2505, 0.3235
Android (android.graphics.Color)	4285912537 (0xFF75D5D9)
YUV	184.7520, 15.8983, -59.4185
Hunter-Lab	75.0867, -27.6235, -6.0506

# Details

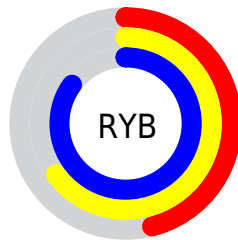
The HunterLab color **75.0867, -27.6235, -6.0506** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **54.5084, 31.2258, 15.8271**, and the grayscale version is **69.5030, -3.7085, 3.7762**.

A 20% lighter version of the original color is **93.7304, -27.8844, -2.5768**, and **52.8509, -23.4688, -6.1914** is the 20% darker color. If you saturate the color by 10%, you get **73.9013, -30.6516, -7.6663**, and if you desaturate by 10%, it is **76.4861, -23.8452, -4.1745**.

# Distribution



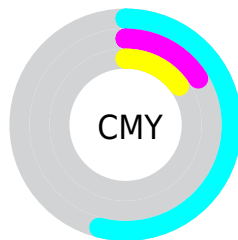
- Red (46%)
- Green (84%)
- Blue (85%)



- Red (46%)
- Yellow (65%)
- Blue (85%)



- Cyan (46%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (54%)
- Magenta (16%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.0867, -27.6235, -6.0506 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 75.0867, -27.6235, -6.0506 by changing the saturation by 10% instead.



75.0867, -27.6235,  
-6.0506

75.0867, -27.6235,  
-6.0506

202.7636,  
-44.7995, -2.6462

63.6471, -25.5717,  
-6.2004

99.7814, -31.5941,  
-5.5905

52.8546, -23.4567,  
-6.2930

112.9780,  
-33.5305, -5.2897

42.7521, -21.2591,  
-6.3215

126.7100,  
-35.4433, -4.9453

33.3907, -18.9499,  
-6.2793

140.9572,  
-37.3377, -4.5598

24.8342, -16.4840,  
-6.1583

155.7017,  
-39.2174, -4.1354

17.1672, -13.7867,  
-5.9505

170.9272,

10.5081, -12.1314,

-41.0859, -3.6739

-5.6540

186.6190,  
-42.9459, -3.1770

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 75.0867, -27.6235,  
-6.0506

■ 75.0867, -27.6235,  
-6.0506

■ 73.9013, -30.6516,  
-7.6663

■ 76.4861, -23.8452,  
-4.1745

■ 72.9192, -32.9250,  
-9.0207

■ 78.0980, -19.3370,  
-2.0520

■ 72.1309, -34.4649,  
-10.1166

■ 79.9236, -14.1363,  
0.3023

■ 71.5206, -35.3192,  
-10.9681


■ 81.9600, -8.2912,  
2.8694

■ 71.0646, -35.5721,

■ 84.2024, -1.8566,

-11.6027


5.6285

 70.9088, -35.5817,  
-11.8192

 86.6444, 5.1088,  
8.5579

 87.7341, 7.4313,  
9.8280

 87.9925, 6.9670,  
10.1094

 88.2515, 6.5031,  
10.3907

# Harmonies

## Analogous

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



75.0882, -29.0242, 7.7678



75.0867, -27.6235, -6.0506



75.0882, -20.1447, -19.0957

# Triad

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



75.0882, -27.6240, -6.0495



75.0882, 18.4684, -13.7940



75.0882, 0.0022, 25.4098

# Complementary

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



75.0867, -27.6235, -6.0506



54.5084, 31.2258, 15.8271

# 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.



75.0882, 13.6125, 21.6382



75.0867, -27.6235, -6.0506



75.0882, 24.7776, 0.2104

# Square

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



75.0882, -27.6240, -6.0495



75.0882, 6.2419, -24.1107



75.0882, 22.9379, 12.9822



75.0882, -13.7408, 24.3542

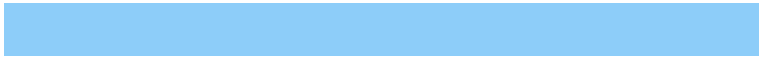


# Rectangle

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



75.0867, -27.6235, -6.0506



75.0882, -12.3942, -24.7774



75.0882, 22.9379, 12.9822



75.0882, 4.7579, 24.6941

# Sweetspot

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



75.0882, -27.6240, -6.0495



96.4051, -15.6585, 0.9456



74.0087, -43.7474, 30.5164



44.3656, -7.9200, 0.1373

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



75.0882, -27.6240, -6.0495



88.7933, -36.6111, -9.0994



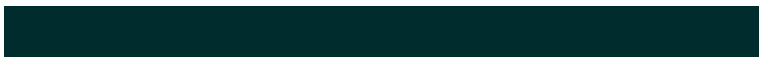
59.3505, -4.3805, -29.0848



38.3870, -4.8767, 0.9378



55.2045, -27.7262, -9.1479



14.1516, -7.1787, -2.1915



# Inverse Universe

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



56.8153, 48.1987, -29.8421



63.5048, 70.1709, -43.6148



67.0164, 5.9483, 26.5088



36.4217, 2.8692, -1.1564



34.2057, 66.6772, -40.6785

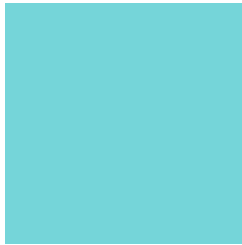


8.7227, 17.0283, -10.5674



# Previews

## White Background



This preview shows how the HunterLab color 75.0867, -27.6235, -6.0506 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

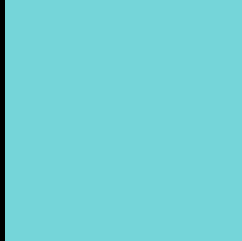
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 75.0867, -27.6235, -6.0506 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

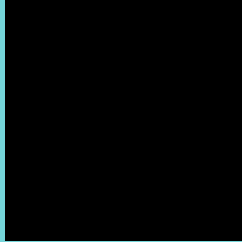
Any Text WCAG AA ✓ Pass

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 75.0867, -27.6235, -6.0506 Background



This preview shows how black text looks on a background with the HunterLab color 75.0867, -27.6235, -6.0506.



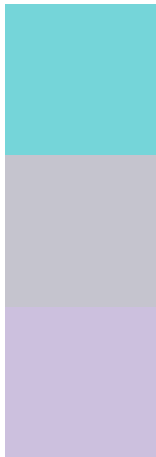
This preview shows how white text looks on a background with the HunterLab color 75.0867,

-27.6235, -6.0506.

# 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

75.0867, -27.6235, -6.0506

### Protanopia

74.7037, -1.9252, -0.3460

### Deuteranopia

74.7065, 5.3045, -8.7196



## Tritanopia

75.0033, -23.7249, -12.2203

# Trichromacy



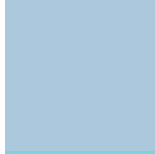
## Original Color

75.0867, -27.6235, -6.0506



## Protanomaly

74.3095, -12.5738, -3.0798



## Deuteranomaly

74.3280, -8.5913, -8.3609



## Tritanomaly

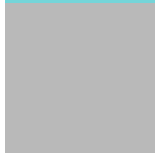
75.1411, -25.2068, -9.7842

# Monochromacy



## Original Color

75.0867, -27.6235, -6.0506



## Achromatopsia

69.6527, -3.7165, 3.7844



## Achromatomaly

71.0880, -13.6943, -0.4923

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.0867, -27.6235, -6.0506 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(117, 213, 217)` looks like.

```
.text, #text, p{  
    color:rgb(117, 213, 217)  
}
```

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(117, 213, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 213, 217) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.0867, -27.6235, -6.0506 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(117, 213, 217) }
```



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

```
.border{ border-color:rgb(117, 213, 217) }
```

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

Here you see how a box with a 4 pixel rgb(117, 213, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 213, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 213, 217);  
box-shadow:4px 4px 4px 4px rgb(117, 213,  
217) }
```

# Background

The CSS property to change the background color of an element to HunterLab 75.0867, -27.6235, -6.0506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 213, 217) }
```

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

```
.background{ background-color: rgb(117,  
213, 217) }
```

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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