

# Converting Colors

HunterLab(85.6557, -23.8353,  
-4.8926)

Have a look what the booklet for  
HunterLab(85.6557, -23.8353,  
-4.8926) contains.

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# Color

**HunterLab(85.7289,  
-23.9710, -4.6080)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3EBF0
RGB	163, 235, 240
RGB Percent	64%, 92%, 94%
CMY	0.3608, 0.0784, 0.0588
CMYK	0.32, 0.02, 0.00, 0.06
HSL	184°, 72%, 79%
HSV	184°, 32%, 94%
XYZ	60.5407, 73.4944, 93.4331
YIQ	214.0420, -44.5170, -13.7090

# Conversions

## Conversions Part 2

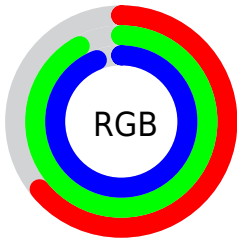
Format	Color
R <sub>Y</sub> B	163, 200, 240
Decimal	10742768
CIE Lab	88.68, -21.02, -9.56
CIE LCh	89, 23.092, 204.469
Yxy	73.4974, 0.2662, 0.3231
Android (android.graphics.Color)	4288932848 (0xFFA3EBF0)
YUV	214.0420, 12.7973, -44.7638
Hunter-Lab	85.7289, -23.9710, -4.6080

# Details

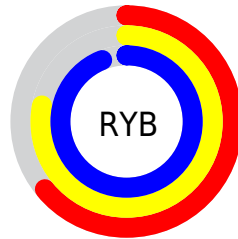
The HunterLab color **85.7289, -23.9710, -4.6080** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **70.1252, 21.2248, 14.2847**, and the grayscale version is **81.9827, -4.3744, 4.4543**.

A 20% lighter version of the original color is **96.9307, -16.1836, 1.5758**, and **62.3611, -20.5241, -5.0469** is the 20% darker color. If you saturate the color by 10%, you get **83.8520, -28.2934, -7.1172**, and if you desaturate by 10%, it is **87.8474, -18.8526, -1.8389**.

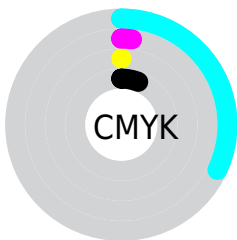
# Distribution



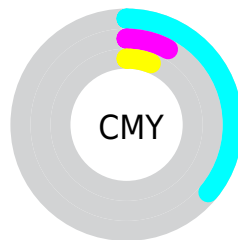
- Red (64%)
- Green (92%)
- Blue (94%)



- Red (64%)
- Yellow (78%)
- Blue (94%)



- Cyan (32%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)



- Cyan (36%)
- Magenta (8%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.7289, -23.9710, -4.6080 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 85.7289, -23.9710, -4.6080 by changing the saturation by 10% instead.



85.7289, -23.9710,  
-4.6080

85.7289, -23.9710,  
-4.6080

217.4251,  
-38.6421, -0.5091

73.7447, -22.2903,  
-4.8537

111.4374,  
-27.2776, -3.9703

62.3761, -20.5798,  
-5.0482

125.1091,  
-28.9118, -3.5869

51.6604, -18.8302,  
-5.1855

139.2982,  
-30.5385, -3.1633

41.6401, -17.0267,  
-5.2599

153.9865,  
-32.1606, -2.7018

32.3674, -15.1478,  
-5.2644

169.1577,  
-33.7803, -2.2041

23.9082, -13.1597,  
-5.1904

184.7967,

16.3499, -11.0048,

-35.3994, -1.6718

-5.0279

200.8900,  
-37.0196, -1.1063

■ 9.8163, -9.8919,  
-4.7704

0.0000, NaN, -NF

■ 85.7289, -23.9710,  
-4.6080

■ 85.7289, -23.9710,  
-4.6080

■ 83.8520, -28.2934,  
-7.1172

■ 87.8474, -18.8526,  
-1.8389

■ 82.2114, -31.7814,  
-9.3525

■ 90.1995, -12.9848,  
1.1641

■ 80.8046, -34.4199,  
-11.3006

■ 92.7817, -6.4273,  
4.3782

■ 79.6230, -36.2166,  
-12.9579

■ 95.1846, -0.6214,  
7.2904

■ 78.6520, -37.2094,  
-14.3314

■ 95.6705, -1.4494,  
7.8361

■ 77.8697, -37.4730,  
-15.4424

■ 96.1580, -2.2760,  
8.3811

■ 77.3508, -37.2915,  
-16.1801

■ 96.6472, -3.1013,  
8.9254

■ 97.1380, -3.9253,  
9.4689

■ 97.6305, -4.7479,  
10.0117

# Harmonies

## Analogous

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



85.7306, -25.6927, 6.6888



85.7289, -23.9710, -4.6080



85.7306, -17.1741, -14.4831

# Triad

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



85.7306, -23.9720, -4.6067



85.7306, 14.3612, -8.6190



85.7306, -2.4160, 23.2320

# Complementary

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



85.7289, -23.9710, -4.6080



70.1252, 21.2248, 14.2847

# 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.



85.7306, 8.7881, 20.2163



85.7289, -23.9710, -4.6080



85.7306, 18.7992, 2.5938

# Square

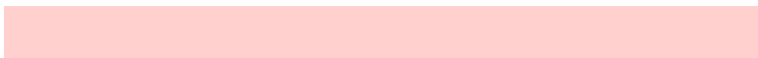
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.7306, -23.9720, -4.6067



85.7306, 4.8679, -17.0070



85.7306, 16.7075, 13.0072



85.7306, -13.6337, 21.8371

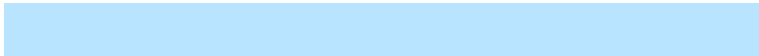


# Rectangle

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



85.7289, -23.9710, -4.6080



85.7306, -10.4766, -18.4270



85.7306, 16.7075, 13.0072



85.7306, 1.4826, 22.7142

# Sweetspot

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



85.7306, -23.9720, -4.6067



97.1746, -12.5281, 1.9353



85.3772, -38.1272, 26.6025



44.7828, -6.2374, 0.6759

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

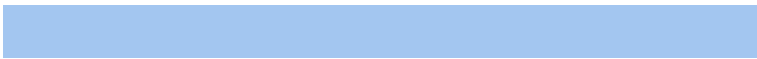
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.7306, -23.9720, -4.6067



90.5937, -28.5821, -6.5941



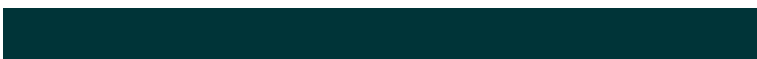
73.6938, -5.5584, -21.0138



42.1224, -5.2574, 0.9193



57.2965, -27.6734, -11.8767



16.6843, -8.1764, -3.2035



# Inverse Universe

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



71.2176, 35.8529, -20.9248



72.5047, 46.7741, -27.5988



80.6235, 1.6288, 24.2256



40.0158, 3.1613, -1.1799



36.2042, 70.1942, -40.1193

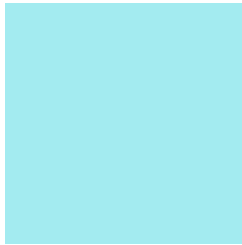


10.4677, 20.3345, -11.9039



# Previews

## White Background



This preview shows how the HunterLab color 85.7289, -23.9710, -4.6080 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

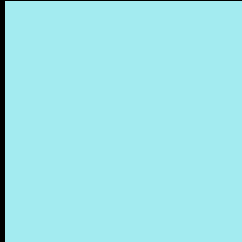
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.7289, -23.9710, -4.6080 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

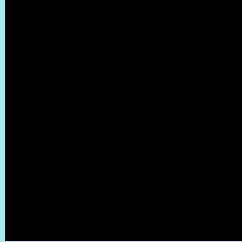
Any Text WCAG AA ✓ Pass

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 85.7289, -23.9710, -4.6080 Background



This preview shows how black text looks on a background with the HunterLab color 85.7289, -23.9710, -4.6080.



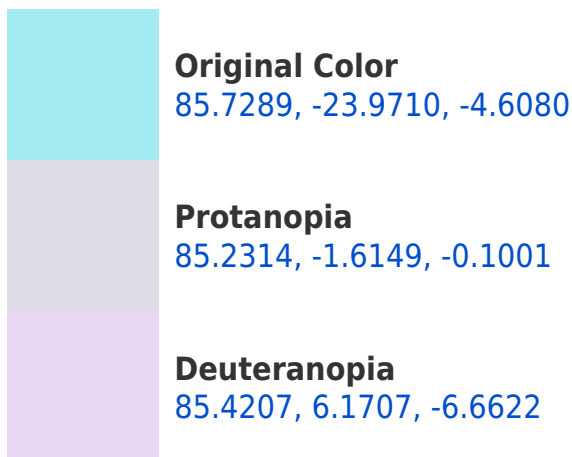
This preview shows how white text looks on a background with the HunterLab color 85.7289,

-23.9710, -4.6080.

# 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

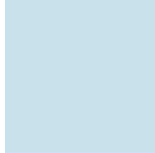
85.6814, -19.8708, -11.2798

# Trichromacy



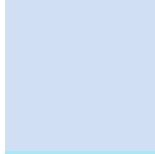
## Original Color

85.7289, -23.9710, -4.6080



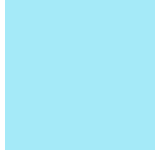
## Protanomaly

84.9756, -10.3533, -2.1323



## Deuteranomaly

85.2387, -5.5576, -6.5543



## Tritanomaly

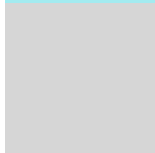
85.8034, -21.4182, -8.8687

# Monochromacy



## Original Color

85.7289, -23.9710, -4.6080



## Achromatopsia

82.0026, -4.3755, 4.4554



## Achromatomaly

83.1699, -12.5978, 1.2609

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.7289, -23.9710, -4.6080 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(163, 235, 240)` looks like.

```
.text, #text, p{  
    color:rgb(163, 235, 240)  
}
```

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(163, 235, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 235, 240) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.7289, -23.9710, -4.6080 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(163, 235, 240) }
```



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

```
.border{ border-color:rgb(163, 235, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 235, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 235, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 235, 240); box-shadow:4px 4px 4px 4px rgb(163, 235, 240) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.7289, -23.9710, -4.6080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 235, 240) }
```

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

```
.background{ background-color: rgb(163,  
235, 240) }
```

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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