

# Converting Colors

HunterLab(75.3974, -39.1805,  
-6.5902)

Have a look what the booklet for  
HunterLab(75.3974, -39.1805,  
-6.5902) contains.

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# Color

**HunterLab(75.2731,  
-39.1323, -6.5477)**

# Conversions

## Conversions Part 1

Format	Color
Hex	26DCDA
RGB	38, 220, 218
RGB Percent	15%, 86%, 85%
CMY	0.8509, 0.1372, 0.1451
CMYK	0.83, 0.00, 0.01, 0.14
HSL	179°, 72%, 51%
HSV	179°, 83%, 86%
XYZ	39.0474, 56.6604, 75.2082
YIQ	165.3540, -107.8300, -39.2060

# Conversions

## Conversions Part 2

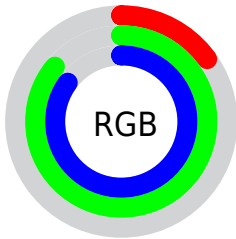
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 130, 220
Decimal	2546906
CIE <sub>Lab</sub>	79.99, -42.05, -11.30
CIE <sub>LCh</sub>	80, 43.537, 195.037
Yxy	56.6625, 0.2285, 0.3315
Android (android.graphics.Color)	4280736986 (0xFF26DCDA)
YUV	165.3540, 25.9545, -111.6895
Hunter-Lab	75.2731, -39.1323, -6.5477

# Details

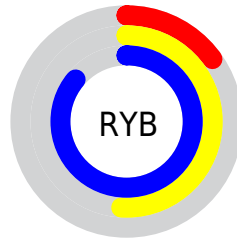
The HunterLab color **75.2731, -39.1323, -6.5477** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **40.9351, 61.7669, 23.3952**, and the grayscale version is **61.4173, -3.2771, 3.3369**.

A 20% lighter version of the original color is **90.9577, -38.3760, -6.2933**, and **54.0326, -28.8615, -5.2324** is the 20% darker color. If you saturate the color by 10%, you get **75.0651, -39.9765, -6.7051**, and if you desaturate by 10%, it is **75.6466, -37.6521, -6.1648**.

# Distribution



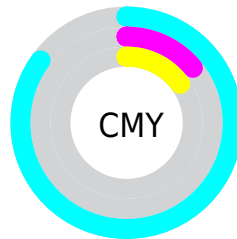
- Red (15%)
- Green (86%)
- Blue (85%)



- Red (15%)
- Yellow (51%)
- Blue (86%)



- Cyan (83%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)



- Cyan (85%)
- Magenta (14%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.2731, -39.1323, -6.5477 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 75.2731, -39.1323, -6.5477 by changing the saturation by 10% instead.



75.2731, -39.1323,  
-6.5477

75.2731, -39.1323,  
-6.5477

203.0230,  
-62.2470, -3.2921

63.8235, -36.2373,  
-6.6786

99.9863, -44.6408,  
-6.1239

53.0203, -33.2170,  
-6.7517

113.1916,  
-47.2869, -5.8405

42.9066, -30.0368,  
-6.7601

126.9318,  
-49.8770, -5.5130

33.5329, -26.6468,  
-6.6973

141.1871,  
-52.4199, -5.1439

24.9632, -22.9709,  
-6.5557

155.9393,  
-54.9229, -4.7355

17.2812, -18.8853,  
-6.3279

171.1723,

10.6049, -18.1429,

-57.3919, -4.2896

-6.0146

186.8714,  
-59.8318, -3.8079

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 75.2731, -39.1323,  
-6.5477

■ 75.2731, -39.1323,  
-6.5477

■ 75.0651, -39.9765,  
-6.7051

■ 75.6466, -37.6521,  
-6.1648

■ 74.9855, -40.3042,  
-6.7201


■ 76.2038, -35.4586,  
-5.5314


■ 76.9626, -32.5063,  
-4.6291


■ 77.9346, -28.7761,  
-3.4497

■ 79.1274, -24.2717,

-1.9928

 80.5448, -19.0165,  
-0.2649

 82.1878, -13.0498,  
1.7218

 84.0543, -6.4228,  
3.9509

 86.1402, 0.8053,  
6.4028

# Harmonies

## Analogous

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



75.2745, -39.1432, 13.3421



75.2731, -39.1323, -6.5477



75.2745, -30.4433, -28.4020

# Triad

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



75.2745, -39.1324, -6.5467



75.2745, 26.6812, -28.3531



75.2745, 6.6742, 32.5291

# Complementary

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



75.2731, -39.1323, -6.5477



40.9351, 61.7669, 23.3952

# 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.



75.2745, 26.6391, 26.4953



75.2731, -39.1323, -6.5477



75.2745, 39.0209, -6.4925

# Square

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



75.2745, -39.1324, -6.5467



75.2745, 6.7269, -43.1464



75.2745, 39.0047, 13.3834



75.2745, -14.1968, 32.5220



# Rectangle

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



75.2731, -39.1323, -6.5477



75.2745, -20.2905, -39.6212



75.2745, 39.0047, 13.3834



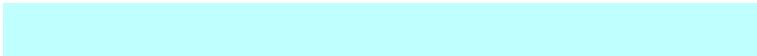
75.2745, 13.7607, 31.2326

# Sweetspot

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



75.2745, -39.1324, -6.5467



94.7648, -24.1042, -0.8505



71.9726, -59.3347, 41.7986



43.5647, -12.1806, -0.7321

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



75.2745, -39.1324, -6.5467



88.6447, -47.6031, -7.9331



47.0045, 1.1956, -56.4254



38.5058, -5.0894, 1.1299



57.4455, -30.8700, -5.1625



14.6243, -7.8407, -1.3534



# Inverse Universe

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



40.9351, 61.7669, 23.3952



46.1812, 78.8039, 29.6399



55.0201, 24.8048, 32.3597



36.1301, 1.3041, 2.9947



29.8899, 51.2014, 19.2058

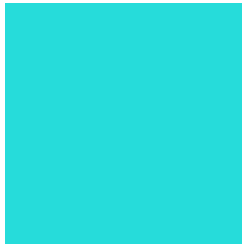


7.6133, 13.0526, 4.8069



# Previews

## White Background



This preview shows how the HunterLab color 75.2731, -39.1323, -6.5477 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

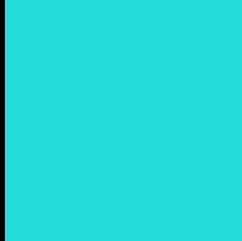
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 75.2731, -39.1323, -6.5477 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

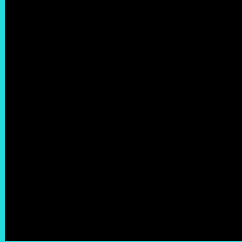
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

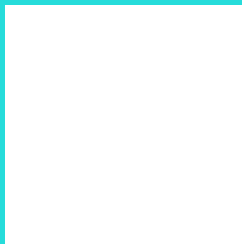
Any Text WCAG AAA ✓ Pass

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

# HunterLab 75.2731, -39.1323, -6.5477 Background



This preview shows how black text looks on a background with the HunterLab color 75.2731, -39.1323, -6.5477.



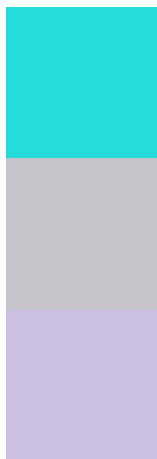
This preview shows how white text looks on a background with the HunterLab color 75.2731,

-39.1323, -6.5477.

# 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

75.2731, -39.1323, -6.5477

### Protanopia

74.6977, -2.1393, 1.1451

### Deuteranopia

74.6844, 5.3749, -9.8705



## Tritanopia

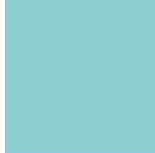
75.1240, -33.1360, -16.3203

# Trichromacy



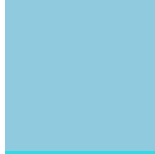
## Original Color

75.2731, -39.1323, -6.5477



## Protanomaly

73.3431, -21.1876, -3.4176



## Deuteranomaly

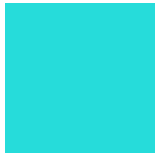
73.0443, -16.3129, -11.3704



## Tritanomaly

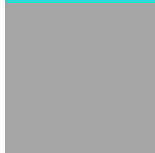
75.1352, -35.3153, -12.8161

# Monochromacy



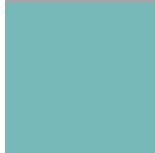
## Original Color

75.2731, -39.1323, -6.5477



## Achromatopsia

61.3402, -3.2730, 3.3327



## Achromatomaly

64.8695, -21.0421, -1.8431

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.2731, -39.1323, -6.5477 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(38, 220, 218)` looks like.

```
.text, #text, p{  
    color:rgb(38, 220, 218)  
}
```

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(38, 220, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 220, 218) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.2731, -39.1323, -6.5477 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(38, 220, 218) }
```



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

```
.border{ border-color:rgb(38, 220, 218) }
```

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

Here you see how a box with a 4 pixel rgb(38, 220, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 220, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 220, 218);  
box-shadow:4px 4px 4px 4px rgb(38, 220,  
218) }
```

# Background

The CSS property to change the background color of an element to HunterLab 75.2731, -39.1323, -6.5477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 220, 218) }
```

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

```
.background{ background-color: rgb(38, 220,  
218) }
```

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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