

# Converting Colors

HunterLab(78.0066, -64.3006,  
2.6731)

Have a look what the booklet for  
HunterLab(78.0066, -64.3006,  
2.6731) contains.

<b>HunterLab(81.3568, -50.2091, 6.6982)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(81.3568,  
-50.2091, 6.6982)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00EFCE
RGB	0, 239, 206
RGB Percent	0%, 94%, 81%
CMY	0.9998, 0.0627, 0.1921
CMYK	1.00, 0.00, 0.14, 0.06
HSL	172°, 100%, 47%
HSV	172°, 100%, 94%
XYZ	42.0071, 66.1893, 68.9544
YIQ	163.7770, -131.8510, -60.9310

# Conversions

## Conversions Part 2

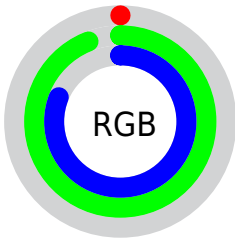
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 128, 239
Decimal	61390
CIELab	85.09, -54.89, 2.55
CIELCh	85, 54.945, 177.341
Yxy	66.1918, 0.2371, 0.3736
Android (android.graphics.Color)	4278251470 (0xFF00EFCE)
YUV	163.7770, 20.8159, -143.6324
Hunter-Lab	81.3568, -50.2091, 6.6982

# Details

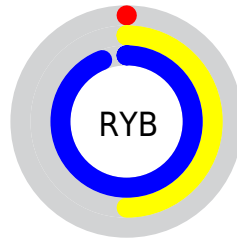
The HunterLab color **81.3568, -50.2091, 6.6982** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed cyan. A complement of this color would be **42.9680, 73.8339, 25.7787**, and the grayscale version is **60.8008, -3.2442, 3.3034**.

A 20% lighter version of the original color is **90.7289, -39.2573, -6.6053**, and **59.7686, -37.7107, 6.7011** is the 20% darker color. If you saturate the color by 10%, you get **81.3580, -50.2115, 6.7018**, and if you desaturate by 10%, it is **81.5765, -49.1304, 5.4220**.

# Distribution



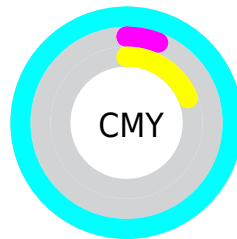
- Red (0%)
- Green (94%)
- Blue (81%)



- Red (0%)
- Yellow (50%)
- Blue (94%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (6%)




- Cyan (100%)
- Magenta (6%)
- Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.3568, -50.2091, 6.6982 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 81.3568, -50.2091, 6.6982 by changing the saturation by 10% instead.





 81.3568, -50.2091,  
6.6982


 81.3568, -50.2091,  
6.6982


211.4385,  
-78.3310, 14.6525


 69.5903, -46.6295,  
5.9398


 106.6591,  
-56.9890, 8.2968


 58.4517, -42.8852,  
5.2079


 120.1401,  
-60.2292, 9.1338


 47.9804, -38.9358,  
4.5040


 134.1457,  
-63.3896, 9.9955

 38.2219, -34.7245,  
3.8287

 148.6567,  
-66.4818, 10.8811

 29.2328, -30.1683,  
3.1823

 163.6563,  
-69.5148, 11.7902

 21.0855, -25.1405,  
2.5645


179.1290,

 13.8781, -21.0918,


-72.4966, 12.7221


1.9735


195.0607,  
-75.4334, 13.6764


 7.5097, -13.1420,  
1.8156


0.0000, NaN, NaN


 81.3568, -50.2091,  
6.6982


 81.3568, -50.2091,  
6.6982

 81.3580, -50.2115,  
6.7018

 81.5765, -49.1304,  
5.4220

 81.9414, -47.4625,  
4.3025

 82.4962, -45.0446,  
3.4008

 83.2637, -41.8060,  
2.7520

■ 84.2599, -37.7110,  
2.3819

■ 85.4960, -32.7532,  
2.3078

■ 86.9783, -26.9511,  
2.5390

■ 88.7095, -20.3435,  
3.0772

■ 90.6888, -12.9849,  
3.9177

# Harmonies

## Analogous

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



81.3584, -43.8029, 26.9311



81.3568, -50.2091, 6.6982



81.3584, -45.7255, -21.8464

# Triad

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



81.3584, -50.2095, 6.6991



81.3584, 21.0515, -53.2001



81.3584, 25.7918, 36.1294

# Complementary

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



81.3568, -50.2091, 6.6982



42.9680, 73.8339, 25.7787

# 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.



81.3584, 47.4245, 24.0978



81.3568, -50.2091, 6.6982



81.3584, 44.4451, -27.1930

# Square

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



81.3584, -50.2095, 6.6991



81.3584, -6.7534, -62.4513



81.3584, 54.6578, 2.0906



81.3584, -1.9091, 40.0611



# Rectangle

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



81.3568, -50.2091, 6.6982



81.3584, -36.7902, -41.2208



81.3584, 54.6578, 2.0906



81.3584, 34.1456, 33.1424

# Sweetspot

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



81.3584, -50.2095, 6.6991



93.5961, -29.0921, 2.7276



78.8089, -66.3613, 47.3988



42.9751, -14.7298, 1.1954

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



81.3584, -50.2095, 6.6991



87.5647, -54.0667, 7.2663



54.5879, -6.0496, -55.1676



42.2956, -5.8682, 1.8483



60.4913, -37.2529, 4.8093



17.4768, -10.5675, 0.9679



# Inverse Universe

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



42.9680, 73.8339, 25.7787



46.2414, 79.4550, 27.8241



49.6418, 52.4408, 31.5054



39.7422, 1.6933, 2.7145



31.9574, 54.9525, 18.9100

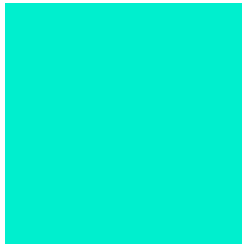


9.2769, 16.0701, 4.5758



# Previews

## White Background



This preview shows how the HunterLab color 81.3568, -50.2091, 6.6982 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

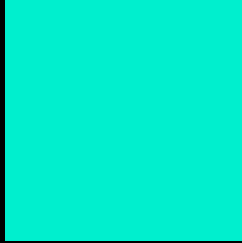
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 81.3568, -50.2091, 6.6982 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

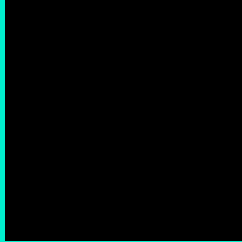
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

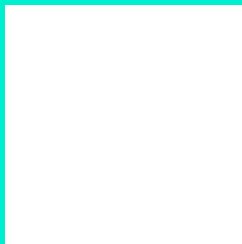
Any Text WCAG AAA ✓ Pass

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

## HunterLab 81.3568, -50.2091, 6.6982 Background



This preview shows how black text looks on a background with the HunterLab color 81.3568, -50.2091, 6.6982.



This preview shows how white text looks on a background with the HunterLab color 81.3568,

-50.2091, 6.6982.

# 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

81.3568, -50.2091, 6.6982

### Protanopia

80.5425, -4.5315, 13.6897

### Deuteranopia

80.5380, 6.1430, 2.9006



## Tritanopia

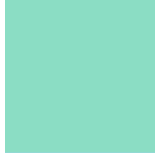
81.4869, -35.7076, -16.8192

# Trichromacy



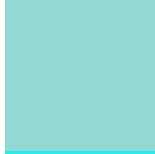
## Original Color

81.3568, -50.2091, 6.6982



## Protanomaly

78.2224, -30.8519, 8.0756



## Deuteranomaly

77.7431, -24.8659, 0.4696



## Tritanomaly

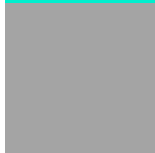
81.1832, -41.6796, -8.1064

# Monochromacy



## Original Color

81.3568, -50.2091, 6.6982



## Achromatopsia

60.9293, -3.2510, 3.3104



## Achromatomaly

65.9237, -27.4309, 1.7853

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 81.3568, -50.2091, 6.6982 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(0, 239, 206)` looks like.

```
.text, #text, p{  
    color:rgb(0, 239, 206)  
}
```

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(0, 239, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 239, 206) }
```

## Border

The CSS property to change the border of an element to HunterLab 81.3568, -50.2091, 6.6982 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(0, 239, 206) }
```



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

```
.border{ border-color:rgb(0, 239, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 239, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 239, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 239, 206);  
box-shadow:4px 4px 4px 4px rgb(0, 239,  
206) }
```

# Background

The CSS property to change the background color of an element to HunterLab 81.3568, -50.2091, 6.6982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 239, 206) }
```

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

```
.background{ background-color: rgb(0, 239,  
206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor