

# Converting Colors

HunterLab(78.5582, -6.0346,  
3.6590)

Have a look what the booklet for  
HunterLab(78.5582, -6.0346, 3.6590)  
contains.

<b>HunterLab(78.4526, -6.0946, 3.6228)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(78.4526, -6.0946,  
3.6228)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9CFCF
RGB	201, 207, 207
RGB Percent	79%, 81%, 81%
CMY	0.2118, 0.1882, 0.1882
CMYK	0.03, 0.00, 0.00, 0.19
HSL	180°, 6%, 80%
HSV	180°, 3%, 81%
XYZ	57.6626, 61.5481, 67.8723
YIQ	205.2060, -3.5760, -1.2720

# Conversions

## Conversions Part 2

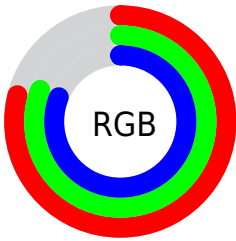
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 204, 207
Decimal	13225935
CIE Lab	82.67, -2.04, -0.72
CIE LCh	83, 2.163, 199.459
Yxy	61.5507, 0.3082, 0.3290
Android (android.graphics.Color)	4291416015 (0xFFC9CFCF)
YUV	205.2060, 0.8844, -3.6887
Hunter-Lab	78.4526, -6.0946, 3.6228

# Details

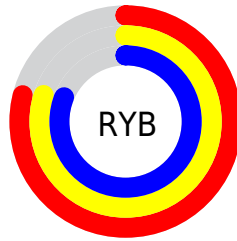
The HunterLab color  $78.4526, -6.0946, 3.6228$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $76.9787, -2.1606, 4.8332$ , and the grayscale version is  $78.2213, -4.1737, 4.2499$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $55.9334, -4.7817, 2.4366$  is the 20% darker color. If you saturate the color by 10%, you get  $76.7280, -12.2132, 1.4553$ , and if you desaturate by 10%, it is  $80.3842, 0.5814, 5.9957$ .

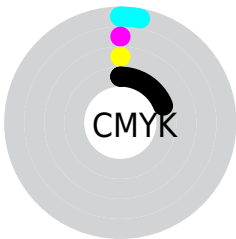
# Distribution



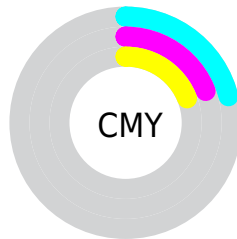
- Red (79%)
- Green (81%)
- Blue (81%)



- Red (79%)
- Yellow (80%)
- Blue (81%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (21%)
- Magenta (19%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.4526, -6.0946, 3.6228 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 78.4526, -6.0946, 3.6228 by changing the saturation by 10% instead.



■ 78.4526, -6.0946,  
3.6228

■ 78.4526, -6.0946,  
3.6228

207.4344,  
-13.7210, 10.3991

■ 66.8355, -5.3756,  
3.0249

103.4775, -7.6188,  
4.9241

■ 55.8546, -4.6831,  
2.4625

116.8285, -8.4189,  
5.6218

■ 45.5513, -4.0197,  
1.9392

130.7089, -9.2440,  
6.3494

■ 35.9733, -3.3863,  
1.4582

145.0993,  
-10.0933, 7.1058

■ 27.1805, -2.7838,  
1.0235

159.9821,  
-10.9662, 7.8898

■ 19.2504, -2.2126,  
0.6405

175.3416,

■ 12.2898, -1.6719,

-11.8622, 8.7006

0.3169

191.1634,  
-12.7806, 9.5373

■ 5.4408, -1.9244,  
-0.2530

0.0000, NaN, NaN

■ 78.4526, -6.0946,  
3.6228

■ 78.4526, -6.0946,  
3.6228

■ 76.7280, -12.2132,  
1.4553

■ 80.3842, 0.5814,  
5.9957

■ 75.2093, -17.7149,  
-0.4920

■ 82.5122, 7.7618,  
8.5505

■ 73.8997, -22.5547,  
-2.2022

■ 83.9016, 12.3532,  
10.1843

■ 72.7986, -26.6967,  
-3.6634

■ 83.9019, 12.3550,  
10.1795

71.9021, -30.1200,  
-4.8687

83.9023, 12.3567,  
10.1747

71.2033, -32.8216,  
-5.8179

83.9026, 12.3585,  
10.1698

70.6913, -34.8198,  
-6.5178

83.9029, 12.3603,  
10.1650

70.3511, -36.1571,  
-6.9838

83.9033, 12.3621,  
10.1601

70.1619, -36.9043,  
-7.2412

83.9036, 12.3639,  
10.1553

# Harmonies

## Analogous

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



78.4543, -6.1773, 4.6231



78.4526, -6.0946, 3.6228



78.4543, -5.5062, 2.7878

# Triad

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



78.4543, -6.0963, 3.6240



78.4543, -2.6407, 3.0041



78.4543, -3.8184, 6.1465

# Complementary

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



78.4526, -6.0946, 3.6228



76.9787, -2.1606, 4.8332

# 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.



78.4543, -2.8657, 5.7247



78.4526, -6.0946, 3.6228



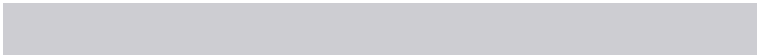
78.4543, -2.1834, 3.9162

# Square

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



78.4543, -6.0963, 3.6240



78.4543, -3.5125, 2.4267



78.4543, -2.2659, 4.9115



78.4543, -4.8659, 6.0706



# Rectangle

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



78.4526, -6.0946, 3.6228



78.4543, -4.9018, 2.4395



78.4543, -2.2659, 4.9115



78.4543, -3.4764, 6.0584

# Sweetspot

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



78.4543, -6.0963, 3.6240



99.7594, -6.1736, 5.1358



78.2794, -7.0774, 6.2574



46.1588, -2.8371, 2.3828

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



78.4543, -6.0963, 3.6240



99.2862, -7.8278, 4.5487



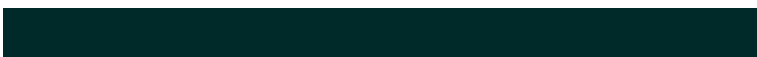
77.5614, -4.6256, 2.5844



37.0847, -3.1492, 1.6237



55.6336, -29.5148, -5.8233



13.1553, -6.9782, -1.3790

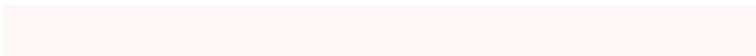


# Inverse Universe

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



76.9787, -2.1606, 4.8332



97.3309, -2.6124, 6.1510



77.8607, -3.6408, 5.8344



36.1780, -0.7306, 2.3667



28.9102, 49.5103, 18.6756

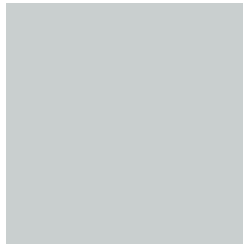


6.8364, 11.7083, 4.4118



# Previews

## White Background



This preview shows how the HunterLab color 78.4526, -6.0946, 3.6228 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

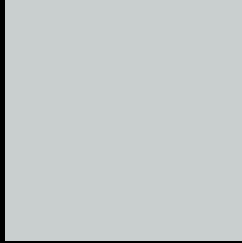
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 78.4526, -6.0946, 3.6228 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

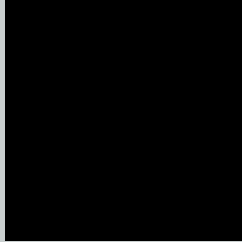
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

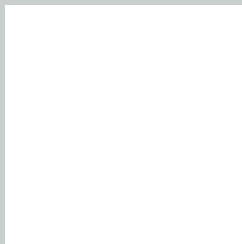
Any Text WCAG AAA ✓ Pass

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

## HunterLab 78.4526, -6.0946, 3.6228 Background



This preview shows how black text looks on a background with the HunterLab color 78.4526, -6.0946, 3.6228.



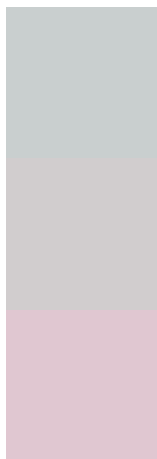
This preview shows how white text looks on a background with the HunterLab color 78.4526, -6.0946,

3.6228.

# 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

78.4526, -6.0946, 3.6228

### Protanopia

78.5329, -2.7241, 4.2593

### Deuteranopia

78.2928, 5.8749, 2.6658



## Tritanopia

78.4727, -1.9587, -3.3644

# Trichromacy



## Original Color

78.4526, -6.0946, 3.6228

## Protanomaly

78.5625, -4.1919, 4.2684

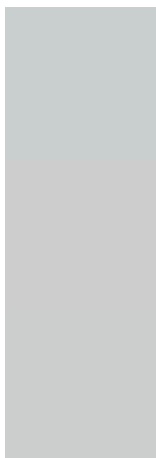
## Deuteranomaly

78.3544, 1.4451, 3.1518

## Tritanomaly

78.5220, -3.6940, -0.7338

# Monochromacy



## Original Color

78.4526, -6.0946, 3.6228

## Achromatopsia

78.1342, -4.1690, 4.2452

## Achromatomaly

78.3813, -4.8231, 4.0438

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 78.4526, -6.0946, 3.6228 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(201, 207, 207)` looks like.

```
.text, #text, p{  
    color:rgb(201, 207, 207)  
}
```

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(201, 207, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 207, 207) }
```

## Border

The CSS property to change the border of an element to HunterLab 78.4526, -6.0946, 3.6228 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(201, 207, 207) }
```



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

```
.border{ border-color:rgb(201, 207, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 207, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 207, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 207, 207);  
box-shadow:4px 4px 4px 4px rgb(201, 207,  
207) }
```

# Background

The CSS property to change the background color of an element to HunterLab 78.4526, -6.0946, 3.6228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 207, 207) }
```

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

```
.background{ background-color: rgb(201,  
207, 207) }
```

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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