

Converting Colors

HunterLab(41.6560, -12.9553,
-0.7130)

Have a look what the booklet for
HunterLab(41.6560, -12.9553,
-0.7130) contains.

HunterLab(41.6178, -12.8312, -0.8108)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(41.6178,
-12.8312, -0.8108)**

Conversions

Conversions Part 1	
Format	Color
Hex	517B7A
RGB	81, 123, 122
RGB Percent	32%, 48%, 48%
CMY	0.6823, 0.5176, 0.5216
CMYK	0.34, 0.00, 0.01, 0.52
HSL	179°, 21%, 40%
HSV	179°, 34%, 48%
XYZ	13.9892, 17.3204, 21.0183
YIQ	110.3280, -24.7110, -9.2150

Conversions

Conversions Part 2

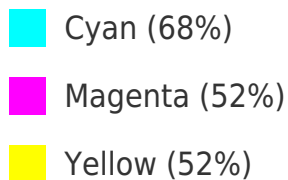
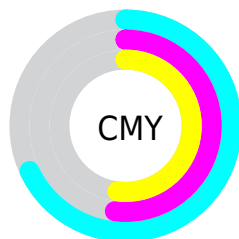
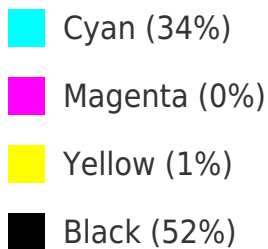
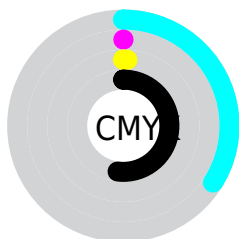
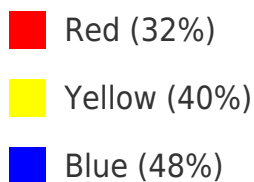
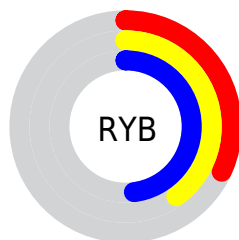
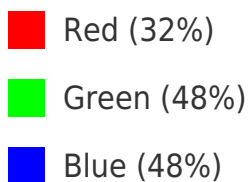
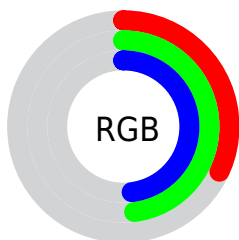
Format	Color
RYB	81, 102, 123
Decimal	5340026
CIELab	48.66, -14.72, -4.10
CIELCh	49, 15.283, 195.566
Yxy	17.3211, 0.2673, 0.3310
Android (android.graphics.Color)	4283530106 (0xFF517B7A)
YUV	110.3280, 5.7543, -25.7207
Hunter-Lab	41.6178, -12.8312, -0.8108

Details

The HunterLab color $41.6178, -12.8312, -0.8108$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $32.7193, 11.6683, 5.8994$, and the grayscale version is $39.5992, -2.1129, 2.1515$.

A 20% lighter version of the original color is $62.4597, -15.9074, 0.1967$, and $23.8447, -9.9350, -1.1543$ is the 20% darker color. If you saturate the color by 10%, you get $41.0107, -15.1373, -1.4765$, and if you desaturate by 10%, it is $42.3343, -10.1671, -0.0128$.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 41.6178, -12.8312, -0.8108 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 41.6178, -12.8312, -0.8108 by changing the saturation by 10% instead.


 41.6178, -12.8312,
-0.8108


 41.6178, -12.8312,
-0.8108


153.9533,
-25.1486, 3.7234


 32.3476, -11.3861,
-1.0859


 62.3515, -15.6241,
-0.0952


 23.8903, -9.8823,
-1.2975

 73.7186, -16.9933,
0.3341

 16.3341, -8.2840,
-1.4343


 85.7032, -18.3536,
0.8062

 9.8030, -7.1031,
-1.4799

 98.2750, -19.7098,
1.3183

0.0000, NaN, -NF

0.0000, NaN, NaN

 111.4076,
-21.0650, 1.8680

0.0000, NaN, NaN

125.0781,

0.0000, NaN, NaN

-22.4220, 2.4532

0.0000, NaN, NaN

139.2660,
-23.7826, 3.0722

■ 41.6178, -12.8312,
-0.8108

■ 41.6178, -12.8312,
-0.8108

■ 41.0107, -15.1373,
-1.4765

■ 42.3343, -10.1671,
-0.0128

■ 40.5087, -17.0727,
-2.0090

■ 43.1580, -7.1617,
0.9107

■ 40.1095, -18.6348,
-2.4081

■ 44.0889, -3.8391,
1.9530

■ 39.8079, -19.8309,
-2.6774

■ 45.1252, -0.2262,
3.1058

■ 39.5969, -20.6793,
-2.8247

■ 46.2641, 3.6483,
4.3596

■ 39.4651, -21.2187,
-2.8643

■ 47.5025, 7.7547,
5.7048

■ 39.4009, -21.4840,
-2.8699

■ 48.8364, 12.0644,
7.1317

■ 50.2618, 16.5500,
8.6307

■ 51.7744, 21.1861,
10.1932

Harmonies

Analogous

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



41.6186, -12.8850, 4.9266



41.6178, -12.8312, -0.8108



41.6186, -10.0465, -6.4221

Triad

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



41.6186, -12.8317, -0.8102



41.6186, 6.4003, -6.2363



41.6186, 0.7121, 11.6084

Complementary

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



41.6178, -12.8312, -0.8108



32.7193, 11.6683, 5.8994

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.



41.6186, 6.2251, 9.4083



41.6178, -12.8312, -0.8108



41.6186, 9.6339, -0.5839

Square

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



41.6186, -12.8317, -0.8102



41.6186, 0.9403, -9.8463



41.6186, 9.5680, 5.1229



41.6186, -5.2943, 11.5658

Rectangle

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



41.6178, -12.8312, -0.8108



41.6186, -6.9194, -9.1023



41.6186, 9.5680, 5.1229



41.6186, 2.6915, 11.1220

Sweetspot

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



41.6186, -12.8317, -0.8102



58.2212, -7.8979, 1.7443



40.7094, -18.2595, 13.4271



28.1858, -4.0797, 0.7693



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



41.6186, -12.8317, -0.8102



55.0408, -19.6376, -1.8001



36.0003, -4.1995, -8.7533



21.2388, -2.6834, 0.6944



40.0737, -21.8518, -2.9168



87.5123, -47.7900, -6.2178

Inverse Universe

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



32.7193, 11.6683, 5.8994



40.6661, 20.2566, 9.1536



37.4640, 2.4243, 10.8073



20.0411, 0.5711, 1.5820



20.8872, 35.8012, 13.2545



45.5991, 78.1187, 29.2408

Previews

White Background



This preview shows how the HunterLab color 41.6178, -12.8312, -0.8108 looks on a white 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 × Fail

Black Background



This preview shows how the HunterLab color 41.6178, -12.8312, -0.8108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

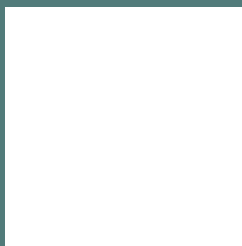
Any Text WCAG AAA × Fail

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

HunterLab 41.6178, -12.8312, -0.8108 Background



This preview shows how black text looks on a background with the HunterLab color 41.6178, -12.8312, -0.8108.



This preview shows how white text looks on a background with the HunterLab color 41.6178, -12.8312, -0.8108.

-12.8312, -0.8108.

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

41.6178, -12.8312, -0.8108

Protanopia

41.6266, -1.3303, 1.6559

Deuteranopia

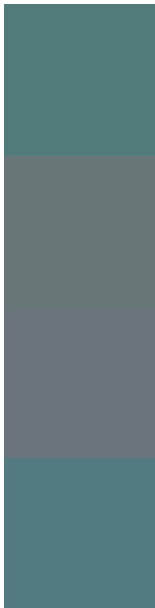
41.4502, 2.6443, -1.6882



Tritanopia

41.7094, -10.4084, -5.0046

Trichromacy



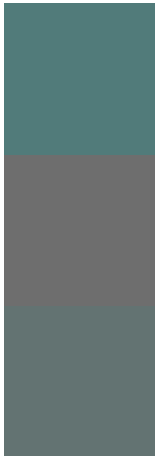
Original Color
41.6178, -12.8312, -0.8108

Protanomaly
41.5112, -5.9204, 0.5478

Deuteranomaly
41.2876, -3.5817, -1.5310

Tritanomaly
41.5589, -11.1556, -3.7221

Monochromacy



Original Color
41.6178, -12.8312, -0.8108

Achromatopsia
39.4875, -2.1070, 2.1454

Achromatomaly
40.1610, -6.6633, 1.1281

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.6178, -12.8312, -0.8108 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(81, 123, 122)` looks like.

```
.text, #text, p{  
    color:rgb(81, 123, 122)  
}
```

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(81, 123, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 123, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 41.6178, -12.8312, -0.8108 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(81, 123, 122) }
```


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

```
.border{ border-color:rgb(81, 123, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 123, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 123, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 123, 122);  
box-shadow:4px 4px 4px 4px rgb(81, 123,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.6178, -12.8312, -0.8108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 123, 122) }
```

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

```
.background{ background-color: rgb(81, 123,  
122) }
```

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