

Converting Colors

HunterLab(40.2910, -12.5239,
4.1388)

Have a look what the booklet for
HunterLab(40.2910, -12.5239,
4.1388) contains.

HunterLab(40.2910, -12.5239, 4.1388)	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(40.2910,
-12.5239, 4.1388)**

Conversions

Conversions Part 1

Format	Color
Hex	56776B
RGB	86, 119, 107
RGB Percent	34%, 47%, 42%
CMY	0.6627, 0.5333, 0.5804
CMYK	0.28, 0.00, 0.10, 0.53
HSL	158°, 16%, 40%
HSV	158°, 28%, 47%
XYZ	13.0884, 16.2336, 16.3535
YIQ	107.7650, -15.8160, -10.7280

Conversions

Conversions Part 2

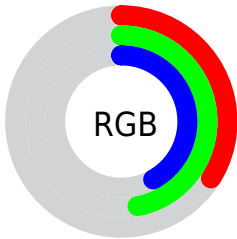
Format	Color
R _Y B	86, 106, 119
Decimal	5666667
CIE Lab	47.28, -14.56, 2.79
CIE LCh	47, 14.824, 169.145
Yxy	16.2343, 0.2866, 0.3554
Android (android.graphics.Color)	4283856747 (0xFF56776B)
YUV	107.7650, -0.3771, -19.0879
Hunter-Lab	40.2910, -12.5239, 4.1388

Details

The HunterLab color $40.2910, -12.5239, 4.1388$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $33.8523, 10.0482, 0.7960$, and the grayscale version is $38.6416, -2.0618, 2.0995$.

A 20% lighter version of the original color is $60.7559, -15.0955, 5.6060$, and $22.6669, -9.4080, 2.6205$ is the 20% darker color. If you saturate the color by 10%, you get $39.5308, -15.6220, 4.9680$, and if you desaturate by 10%, it is $41.1587, -9.0959, 3.4017$.

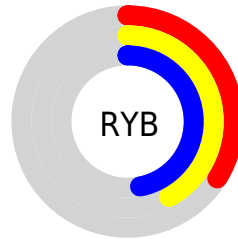
Distribution



Red (34%)

Green (47%)

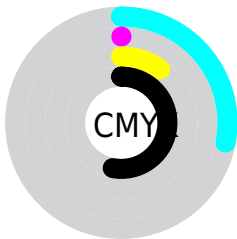
Blue (42%)



Red (34%)

Yellow (42%)

Blue (47%)

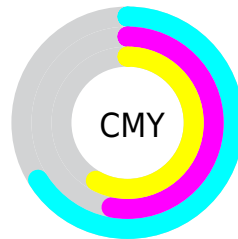


Cyan (28%)

Magenta (0%)

Yellow (10%)

Black (53%)



Cyan (66%)

Magenta (53%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2910, -12.5239, 4.1388 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 40.2910, -12.5239, 4.1388 by changing the saturation by 10% instead.

■ 40.2910, -12.5239,
4.1388

■ 40.2910, -12.5239,
4.1388

151.8948,
-24.7767, 11.3431

■ 31.1289, -11.0836,
3.4716

■ 60.8313, -15.3043,
5.5577

■ 22.7903, -9.5819,
2.8309

■ 72.1105, -16.6663,
6.3077

■ 15.3672, -7.9807,
2.2153

■ 84.0117, -18.0192,
7.0842

■ 8.9777, -7.5461,
1.7777

■ 96.5040, -19.3678,
7.8866

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.5605,
-20.7155, 8.7143

0.0000, NaN, NaN

123.1580,

0.0000, NaN, NaN

-22.0650, 9.5667

0.0000, NaN, NaN

137.2756,
-23.4182, 10.4431

■ 40.2910, -12.5239,
4.1388

■ 40.2910, -12.5239,
4.1388

■ 39.5308, -15.6220,
4.9680

■ 41.1587, -9.0959,
3.4017

■ 38.8758, -18.3645,
5.8798

■ 42.1302, -5.3645,
2.7608

■ 38.3256, -20.7347,
6.8643

■ 43.2039, -1.3615,
2.2198

■ 37.8773, -22.7241,
7.9090

■ 44.3769, 2.8811,
1.7799

■ 37.5262, -24.3347,
8.9993

■ 45.6456, 7.3317,
1.4405

■ 37.2654, -25.5814,
10.1187

■ 47.0059, 11.9604,
1.1996

■ 37.0720, -26.5484,
11.2364

■ 48.4536, 16.7394,
1.0538

■ 37.0300, -26.7595,
11.4817

■ 49.9843, 21.6436,
0.9991

■ 51.5937, 26.6509,
1.0307

Harmonies

Analogous

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



40.2918, -10.2405, 8.5308



40.2910, -12.5239, 4.1388



40.2918, -12.1501, -1.4413

Triad

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



40.2918, -12.5245, 4.1393



40.2918, 1.5688, -9.1638



40.2918, 5.4013, 9.4168

Complementary

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



40.2910, -12.5239, 4.1388



33.8523, 10.0482, 0.7960

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.



40.2918, 8.9272, 5.5178



40.2910, -12.5239, 4.1388



40.2918, 6.6296, -5.3773

Square

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



40.2918, -12.5245, 4.1393



40.2918, -4.2297, -9.6712



40.2918, 9.3891, 0.1449



40.2918, -0.0314, 11.2785

Rectangle

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



40.2910, -12.5239, 4.1388



40.2918, -10.4370, -5.0906



40.2918, 9.3891, 0.1449



40.2918, 6.8617, 8.3288

Sweetspot

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



40.2918, -12.5245, 4.1393



56.3120, -7.4226, 3.7318



40.5814, -12.4070, 11.9255



27.3286, -3.9365, 1.8674



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



40.2918, -12.5245, 4.1393



53.2777, -19.3457, 6.2023



39.3465, -8.7312, -2.2080



20.3316, -2.8376, 1.3738



38.1653, -27.5967, 11.8700



84.1504, -61.5367, 27.6593

Inverse Universe

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



33.8523, 10.0482, 0.7960



42.8894, 17.1862, 0.8762



34.6039, 6.3887, 6.3492



19.2895, 0.7960, 0.8221



20.8628, 36.6184, 6.5801



45.8899, 80.2293, 16.9286

Previews

White Background



This preview shows how the HunterLab color 40.2910, -12.5239, 4.1388 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 40.2910, -12.5239, 4.1388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

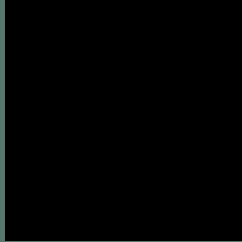
Any Text WCAG AA × Fail

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 40.2910, -12.5239, 4.1388 Background



This preview shows how black text looks on a background with the HunterLab color 40.2910, -12.5239, 4.1388.



This preview shows how white text looks on a background with the HunterLab color 40.2910,

-12.5239, 4.1388.

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

40.2910, -12.5239, 4.1388

Protanopia

40.0764, -1.8313, 5.6789

Deuteranopia

40.0502, 2.5207, 3.3046



Tritanopia

40.2129, -7.2176, -4.4500

Trichromacy



Original Color

40.2910, -12.5239, 4.1388

Protanomaly

40.0467, -6.1564, 5.1788

Deuteranomaly

39.9826, -3.3092, 3.5407

Tritanomaly

40.2223, -9.0986, -1.1009

Monochromacy



Original Color

40.2910, -12.5239, 4.1388

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

39.2178, -6.0186, 2.6118

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2910, -12.5239, 4.1388 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(86, 119, 107)` looks like.

```
.text, #text, p{  
    color:rgb(86, 119, 107)  
}
```

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(86, 119, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 119, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2910, -12.5239, 4.1388 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(86, 119, 107) }
```


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

```
.border{ border-color:rgb(86, 119, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 119, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 119, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 119, 107);  
box-shadow:4px 4px 4px 4px rgb(86, 119,  
107) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2910, -12.5239, 4.1388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 119, 107) }
```

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

```
.background{ background-color: rgb(86, 119,  
107) }
```

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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