

Converting Colors

HunterLab(40.3610, 4.9458,
-11.9074)

Have a look what the booklet for
HunterLab(40.3610, 4.9458,
-11.9074) contains.

HunterLab(40.2810, 5.3276, -12.1768)	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(40.2810, 5.3276,
-12.1768)**

Conversions

Conversions Part 1

Format	Color
Hex	726C8D
RGB	114, 108, 141
RGB Percent	45%, 42%, 55%
CMY	0.5529, 0.5765, 0.4471
CMYK	0.19, 0.23, 0.00, 0.45
HSL	251°, 13%, 49%
HSV	251°, 23%, 55%
XYZ	17.1097, 16.2256, 27.4293
YIQ	113.5560, -7.0170, 11.5350

Conversions

Conversions Part 2

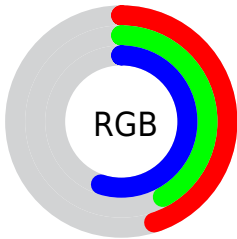
Format	Color
R_{YB}	114, 108, 141
Decimal	7498893
CIE _{Lab}	47.27, 9.61, -17.23
CIE _{LCh}	47, 19.724, 299.142
Yxy	16.2263, 0.2816, 0.2670
Android (android.graphics.Color)	4285688973 (0xFF726C8D)
YUV	113.5560, 13.5299, 0.3894
Hunter-Lab	40.2810, 5.3276, -12.1768

Details

The HunterLab color $40.2810, 5.3276, -12.1768$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $50.2829, -9.1026, 14.0952$, and the grayscale version is $40.8023, -2.1771, 2.2169$.

A 20% lighter version of the original color is $60.6988, 5.4503, -12.9338$, and $22.8400, 4.8665, -11.5338$ is the 20% darker color. If you saturate the color by 10%, you get $35.7256, 9.0994, -19.6477$, and if you desaturate by 10%, it is $45.0199, 1.7667, -5.4151$.

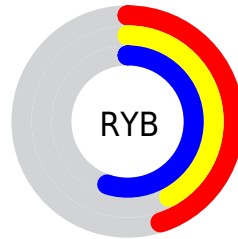
Distribution



Red (45%)

Green (42%)

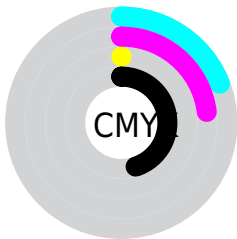
Blue (55%)



Red (45%)

Yellow (42%)

Blue (55%)

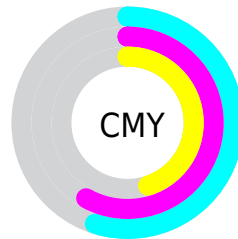


Cyan (19%)

Magenta (23%)

Yellow (0%)

Black (45%)



Cyan (55%)

Magenta (58%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2810, 5.3276, -12.1768 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 40.2810, 5.3276, -12.1768 by changing the saturation by 10% instead.

40.2810, 5.3276,
-12.1768

40.2810, 5.3276,
-12.1768

151.8793, 3.2913,
-12.1860

31.1198, 5.2448,
-11.8641

60.8199, 5.2594,
-12.5875

22.7820, 5.0677,
-11.4826

72.0984, 5.1278,
-12.6941

15.3600, 4.7745,
-11.0499

83.9990, 4.9395,
-12.7402

8.9712, 4.3861,
-10.6853

96.4906, 4.6995,
-12.7295

0.0000, NaN, -NF

0.0000, NaN, NaN

109.5466, 4.4117,
-12.6658

0.0000, NaN, NaN

123.1434, 4.0792,

0.0000, NaN, NaN

-12.5522

0.0000, NaN, NaN

137.2605, 3.7049,
-12.3914

■ 40.2810, 5.3276,
-12.1768

■ 40.2810, 5.3276,
-12.1768

■ 35.7256, 9.0994,
-19.6477

■ 45.0199, 1.7667,
-5.4151

■ 31.3879, 13.1392,
-28.0293

■ 49.9132, -1.6288,
0.7942

■ 27.3202, 17.4980,
-37.5468

■ 54.9414, -4.8980,
6.5748

■ 23.5955, 22.1925,
-48.3927

■ 60.0893, -8.0711,
12.0211

■ 20.3166, 27.1227,
-60.5459

■ 65.3447, -11.1714,
17.2050

■ 17.6208, 31.9173,
-73.3739

■ 70.6980, -14.2169,
22.1816

■ 15.6602, 35.7845,
-85.1299

■ 76.1412, -17.2218,
26.9939

■ 14.6216, 38.1921,
-92.5043

■ 81.6676, -20.1969,
31.6750

■ 87.2718, -23.1509,
36.2513

Harmonies

Analogous

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



40.2818, -2.3734, -14.6154



40.2810, 5.3276, -12.1768



40.2818, 11.3846, -5.7343

Triad

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



40.2818, 5.3269, -12.1759



40.2818, 5.7400, 12.5195



40.2818, -15.9320, 2.4034

Complementary

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



40.2810, 5.3276, -12.1768



50.2829, -9.1026, 14.0952

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.



40.2818, -14.1069, 8.7776



40.2810, 5.3276, -12.1768



40.2818, -1.9291, 13.9008

Square

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



40.2818, 5.3269, -12.1759



40.2818, 11.6354, 8.4748



40.2818, -9.1212, 12.6698



40.2818, -14.3021, -5.2992

Rectangle

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



40.2810, 5.3276, -12.1768



40.2818, 13.4705, -0.5562



40.2818, -9.1212, 12.6698



40.2818, -15.7046, 4.7605

Sweetspot

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



40.2818, 5.3269, -12.1759



64.3184, -0.4993, -1.9759



47.5178, -9.0542, -2.3207



30.2480, -0.1334, -1.1207



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



40.2818, 5.3269, -12.1759



50.7036, 9.7125, -21.3566



41.7069, 9.9425, -9.9496



23.0201, 0.1558, -1.3400



13.9812, 36.4847, -88.1846



1.6043, 3.7924, -7.0634

Inverse Universe

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



42.5884, 12.3166, -5.4531



54.5542, 21.0570, -9.6772



49.0456, -13.6233, 12.8316



23.4402, 1.5083, -0.2289



25.1034, 47.5253, -18.9329



2.5116, 4.8473, -2.6105

Previews

White Background



This preview shows how the HunterLab color 40.2810, 5.3276, -12.1768 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 40.2810, 5.3276, -12.1768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

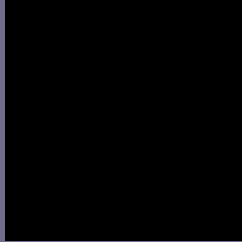
Any Text WCAG AA × Fail

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 40.2810, 5.3276, -12.1768 Background



This preview shows how black text looks on a background with the HunterLab color 40.2810, 5.3276, -12.1768.



This preview shows how white text looks on a background with the HunterLab color 40.2810, 5.3276, -12.1768.

-12.1768.

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

40.2810, 5.3276, -12.1768

Protanopia

40.3672, 1.6613, -13.2651

Deuteranopia

40.3275, 2.7610, -12.1503



Tritanopia

40.3532, -1.2773, -1.7349

Trichromacy



Original Color

40.2810, 5.3276, -12.1768

Protanomaly

40.3646, 2.9595, -12.6656

Deuteranomaly

40.2186, 3.7661, -12.3002

Tritanomaly

40.3818, 0.6591, -5.0898

Monochromacy



Original Color

40.2810, 5.3276, -12.1768

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

40.7688, 0.3354, -2.6042

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2810, 5.3276, -12.1768 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(114, 108, 141)` looks like.

```
.text, #text, p{  
    color:rgb(114, 108, 141)  
}
```

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(114, 108, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 108, 141) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2810, 5.3276, -12.1768 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(114, 108, 141) }
```


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

```
.border{ border-color:rgb(114, 108, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 108, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 108, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 108, 141);  
box-shadow:4px 4px 4px 4px rgb(114, 108,  
141) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2810, 5.3276, -12.1768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 108, 141) }
```

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

```
.background{ background-color: rgb(114,  
108, 141) }
```

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