

Converting Colors

HunterLab(40.3571, -12.3361,
7.0119)

Have a look what the booklet for
HunterLab(40.3571, -12.3361,
7.0119) contains.

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Color

**HunterLab(40.4202,
-12.3920, 7.0047)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7764
RGB	91, 119, 100
RGB Percent	36%, 47%, 39%
CMY	0.6431, 0.5333, 0.6078
CMYK	0.24, 0.00, 0.16, 0.53
HSL	139°, 13%, 41%
HSV	139°, 24%, 47%
XYZ	13.2115, 16.3379, 14.5138
YIQ	108.4620, -10.5890, -11.8450

Conversions

Conversions Part 2

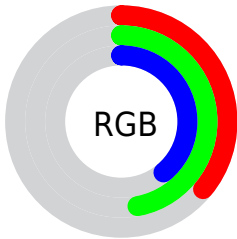
Format	Color
R_{YB}	91, 112, 119
Decimal	5994340
CIE _{Lab}	47.42, -14.34, 7.17
CIE _{LCh}	47, 16.029, 153.424
Yxy	16.3386, 0.2998, 0.3708
Android (android.graphics.Color)	4284184420 (0xFF5B7764)
YUV	108.4620, -4.1718, -15.3142
Hunter-Lab	40.4202, -12.3920, 7.0047

Details

The HunterLab color $40.4202, -12.3920, 7.0047$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $35.3982, 9.4765, -2.7317$, and the grayscale version is $38.9197, -2.0767, 2.1146$.

A 20% lighter version of the original color is $60.9188, -14.8826, 8.7820$, and $22.7439, -9.4174, 5.0695$ is the 20% darker color. If you saturate the color by 10%, you get $39.5377, -16.1051, 8.9230$, and if you desaturate by 10%, it is $41.4202, -8.3163, 5.0387$.

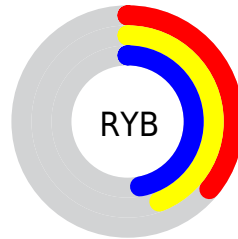
Distribution



 Red (36%)

 Green (47%)

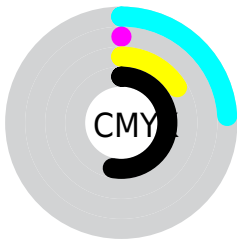
 Blue (39%)



 Red (36%)

 Yellow (44%)

 Blue (47%)

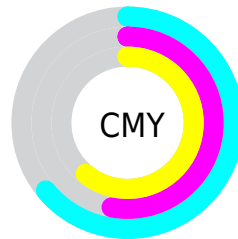



 Cyan (24%)

 Magenta (0%)

 Yellow (16%)

 Black (53%)



 Cyan (64%)

 Magenta (53%)

 Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4202, -12.3920, 7.0047 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 40.4202, -12.3920, 7.0047 by changing the saturation by 10% instead.

40.4202, -12.3920,
7.0047

40.4202, -12.3920,
7.0047

152.0959,
-24.5446, 16.0503

31.2475, -10.9678,
6.0557

60.9796, -15.1450,
8.9192

22.8972, -9.4842,
5.1006

72.2674, -16.4948,
9.8920

15.4610, -7.9044,
4.1240

84.1768, -17.8363,
10.8785

9.0607, -7.3783,
3.7739

96.6768, -19.1741,
11.8800

0.0000, NaN, NaN

0.0000, NaN, NaN

109.7408,
-20.5116, 12.8975

0.0000, NaN, NaN

123.3454,

0.0000, NaN, NaN

-21.8513, 13.9315

0.0000, NaN, NaN

137.4700,
-23.1951, 14.9823

■ 40.4202, -12.3920,
7.0047

■ 40.4202, -12.3920,
7.0047

■ 39.5377, -16.1051,
8.9230

■ 41.4202, -8.3163,
5.0387

■ 38.7717, -19.4176,
10.7718

■ 42.5326, -3.9153,
3.0423

■ 38.1231, -22.3006,
12.5308

■ 43.7544, 0.7695,
1.0331

■ 37.5902, -24.7339,
14.1798

■ 45.0814, 5.6980,
-0.9744

■ 37.1695, -26.7092,
15.6998

■ 46.5088, 10.8325,
-2.9678

■ 36.8548, -28.2325,
17.0743

■ 48.0317, 16.1383,
-4.9373

■ 36.6359, -29.3331,
18.2885

■ 49.6448, 21.5845,
-6.8755

■ 36.5183, -29.9306,
18.9670

■ 51.3431, 27.1440,
-8.7769

■ 53.1214, 32.7939,
-10.6377

Harmonies

Analogous

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



40.4210, -8.5921, 10.6545



40.4202, -12.3920, 7.0047



40.4210, -13.5107, 1.5087

Triad

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



40.4210, -12.3927, 7.0052



40.4210, -1.4358, -11.0141



40.4210, 8.4111, 8.0252

Complementary

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



40.4202, -12.3920, 7.0047



35.3982, 9.4765, -2.7317

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.



40.4210, 10.6027, 2.8798



40.4202, -12.3920, 7.0047



40.4210, 4.7036, -8.5981

Square

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



40.4210, -12.3927, 7.0052



40.4210, -7.4159, -9.4684



40.4210, 9.2066, -3.2782



40.4210, 3.3813, 11.1773

Rectangle

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



40.4202, -12.3920, 7.0047



40.4210, -12.6441, -2.6332



40.4210, 9.2066, -3.2782



40.4210, 9.5176, 6.5019

Sweetspot

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



40.4210, -12.3927, 7.0052



56.3546, -7.4343, 5.0486



41.5612, -8.5977, 11.3394



27.4038, -3.7398, 2.5121



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.



40.4210, -12.3927, 7.0052



53.4574, -19.2210, 10.7134



40.7804, -10.3426, 1.8592



20.2875, -3.0835, 2.0047



37.6381, -30.8638, 19.5816



83.0018, -68.6625, 44.4776

Inverse Universe

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



35.3982, 9.4765, -2.7317



45.3322, 16.2182, -5.0228



35.0021, 7.4229, 2.8978



19.3361, 1.0468, 0.1580



21.8913, 40.3465, -8.0014



48.1580, 88.4655, -15.3416

Previews

White Background



This preview shows how the HunterLab color 40.4202, -12.3920, 7.0047 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 40.4202, -12.3920, 7.0047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

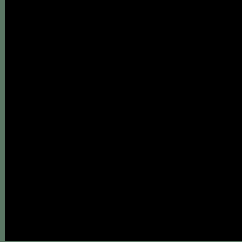
Any Text WCAG AA × Fail

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 40.4202, -12.3920, 7.0047 Background



This preview shows how black text looks on a background with the HunterLab color 40.4202, -12.3920, 7.0047.



This preview shows how white text looks on a background with the HunterLab color 40.4202,

-12.3920, 7.0047.

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

40.4202, -12.3920, 7.0047

Protanopia

40.3540, -2.6028, 8.5612

Deuteranopia

40.2448, 2.8136, 6.3288



Tritanopia

40.5688, -6.0042, -3.4623

Trichromacy



Original Color

40.4202, -12.3920, 7.0047

Protanomaly

40.3890, -6.7180, 8.1682

Deuteranomaly

40.1315, -3.1446, 6.4842

Tritanomaly

40.4515, -8.4397, 0.5604

Monochromacy



Original Color

40.4202, -12.3920, 7.0047

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

39.2849, -5.9385, 3.9329

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4202, -12.3920, 7.0047 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(91, 119, 100)` looks like.

```
.text, #text, p{  
    color:rgb(91, 119, 100)  
}
```

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(91, 119, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 119, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4202, -12.3920, 7.0047 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(91, 119, 100) }
```


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

```
.border{ border-color:rgb(91, 119, 100) }
```

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

Here you see how a box with a 4 pixel rgb(91, 119, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 119, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 119, 100);  
box-shadow:4px 4px 4px 4px rgb(91, 119,  
100) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4202, -12.3920, 7.0047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 119, 100) }
```

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

```
.background{ background-color: rgb(91, 119,  
100) }
```

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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