

Converting Colors

HunterLab(40.7652, -12.2879,
20.5729)

Have a look what the booklet for
HunterLab(40.7652, -12.2879,
20.5729) contains.

HunterLab(40.8352, -12.5409, 20.5616)	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(40.8352,
-12.5409, 20.5616)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7732
RGB	109, 119, 50
RGB Percent	43%, 47%, 20%
CMY	0.5725, 0.5333, 0.8039
CMYK	0.08, 0.00, 0.58, 0.53
HSL	69°, 41%, 33%
HSV	69°, 58%, 47%
XYZ	13.4792, 16.6751, 5.5258
YIQ	108.1440, 16.1890, -23.5790

Conversions

Conversions Part 2

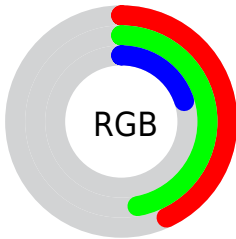
Format	Color
RYB	50, 119, 60
Decimal	7173938
CIELab	47.85, -14.47, 36.04
CIELCh	48, 38.831, 111.872
Yxy	16.6759, 0.3778, 0.4674
Android (android.graphics.Color)	4285364018 (0xFF6D7732)
YUV	108.1440, -28.6650, 0.7507
Hunter-Lab	40.8352, -12.5409, 20.5616

Details

The HunterLab color $40.8352, -12.5409, 20.5616$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $21.3872, 15.4399, -34.9365$, and the grayscale version is $38.8816, -2.0746, 2.1125$.

A 20% lighter version of the original color is $61.4069, -15.2706, 26.1738$, and $23.3158, -9.7444, 14.1965$ is the 20% darker color. If you saturate the color by 10%, you get $40.5929, -13.6738, 22.0829$, and if you desaturate by 10%, it is $41.1130, -11.2293, 18.5850$.

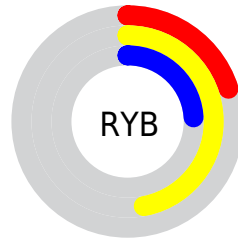
Distribution



Red (43%)

Green (47%)

Blue (20%)



Red (20%)

Yellow (47%)

Blue (24%)

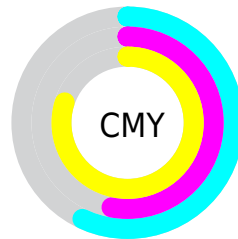


Cyan (8%)

Magenta (0%)

Yellow (58%)

Black (53%)



Cyan (57%)

Magenta (53%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.8352, -12.5409, 20.5616 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 40.8352, -12.5409, 20.5616 by changing the saturation by 10% instead.

40.8352, -12.5409,
20.5616

40.8352, -12.5409,
20.5616

152.7408,
-24.7498, 43.2890

31.6286, -11.1103,
17.4629

61.4554, -15.3079,
26.2324

23.2409, -9.6199,
14.1320

72.7709, -16.6642,
28.8772

15.7628, -8.0340,
11.0339

84.7065, -18.0122,
31.4288

9.3217, -7.2602,
6.5252

97.2315, -19.3562,
33.9048

0.0000, NaN, NaN

0.0000, NaN, NaN

110.3194,
-20.6996, 36.3191

0.0000, NaN, NaN

123.9470,

0.0000, NaN, NaN

-22.0452, 38.6824

0.0000, NaN, NaN

138.0936,
-23.3947, 41.0033

■ 40.8352, -12.5409,
20.5616

■ 40.8352, -12.5409,
20.5616

■ 40.5929, -13.6738,
22.0829

■ 41.1130, -11.2293,
18.5850

■ 40.3813, -14.6333,
23.1743

■ 41.4252, -9.7293,
16.1332

■ 40.1988, -15.4330,
23.8715

■ 41.7740, -8.0387,
13.1935

■ 40.0378, -16.1160,
24.2869

■ 42.1603, -6.1563,
9.7590

■ 40.0058, -16.2515,
24.3669

■ 42.5850, -4.0827,
5.8275

■ 43.0484, -1.8205,
1.4013

■ 43.5508, 0.6266,
-3.5131

■ 44.0924, 3.2534,
-8.9059

■ 44.6729, 6.0536,
-14.7643

Harmonies

Analogous

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



40.8361, 2.0483, 21.3186



40.8352, -12.5409, 20.5616



40.8361, -22.7845, 15.9681

Triad

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



40.8361, -12.5421, 20.5619



40.8361, -18.7561, -26.3747



40.8361, 31.0946, -1.9212

Complementary

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



40.8352, -12.5409, 20.5616



21.3872, 15.4399, -34.9365

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.



40.8361, 23.5433, -19.0249



40.8352, -12.5409, 20.5616



40.8361, -6.2450, -36.1606

Square

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



40.8361, -12.5421, 20.5619



40.8361, -25.9884, -9.5956



40.8361, 9.3285, -33.0658



40.8361, 28.7533, 11.3098

Rectangle

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



40.8352, -12.5409, 20.5616



40.8361, -26.4816, 9.9849



40.8361, 9.3285, -33.0658



40.8361, 29.5939, -7.4444

Sweetspot

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



40.8361, -12.5421, 20.5619



56.4465, -8.0917, 12.7863



27.0207, 17.1775, 10.3290



27.4381, -4.1393, 6.5969



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.



40.8361, -12.5421, 20.5619



54.2068, -18.8111, 30.1697



38.6429, -20.9789, 18.8141



20.5929, -2.0849, 3.0298



41.2310, -16.7653, 25.1128



90.8602, -37.6150, 55.3291

Inverse Universe

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



21.3872, 15.4399, -34.9365



23.3028, 28.0138, -64.6688



24.4485, 23.3354, -26.8533



19.0079, 0.0314, -1.0452



12.4146, 32.6585, -80.3344



26.9723, 71.7565, -180.7519

Previews

White Background



This preview shows how the HunterLab color 40.8352, -12.5409, 20.5616 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 40.8352, -12.5409, 20.5616 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 40.8352, -12.5409, 20.5616 Background



This preview shows how black text looks on a background with the HunterLab color 40.8352, -12.5409, 20.5616.



This preview shows how white text looks on a background with the HunterLab color 40.8352,

-12.5409, 20.5616.

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

40.8352, -12.5409, 20.5616

Protanopia

40.8456, -5.2508, 21.0179

Deuteranopia

40.6910, 2.5769, 20.2111



Tritanopia

40.9276, 0.6943, -0.9734

Trichromacy



Original Color

40.8352, -12.5409, 20.5616

Protanomaly

40.8725, -8.0032, 20.8302

Deuteranomaly

40.6244, -3.1308, 20.2362

Tritanomaly

40.8229, -5.2585, 9.3388

Monochromacy



Original Color

40.8352, -12.5409, 20.5616

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

39.3251, -6.6387, 10.5211

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.8352, -12.5409, 20.5616 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(109, 119, 50)` looks like.

```
.text, #text, p{  
    color:rgb(109, 119, 50)  
}
```

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(109, 119, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 119, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 40.8352, -12.5409, 20.5616 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(109, 119, 50) }
```


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

```
.border{ border-color:rgb(109, 119, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 119, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 119, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 119, 50);  
box-shadow:4px 4px 4px 4px rgb(109, 119,  
50) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.8352, -12.5409, 20.5616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 119, 50) }
```

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

```
.background{ background-color: rgb(109,  
119, 50) }
```

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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