

Converting Colors

HunterLab(40.3958, -13.8022,
7.1584)

Have a look what the booklet for
HunterLab(40.3958, -13.8022,
7.1584) contains.

HunterLab(40.4475, -13.8579, 7.3775)	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(40.4475,
-13.8579, 7.3775)**

Conversions

Conversions Part 1

Format	Color
Hex	577863
RGB	87, 120, 99
RGB Percent	34%, 47%, 39%
CMY	0.6588, 0.5294, 0.6118
CMYK	0.28, 0.00, 0.18, 0.53
HSL	142°, 16%, 41%
HSV	142°, 28%, 47%
XYZ	12.8991, 16.3600, 14.2823
YIQ	107.7390, -12.9270, -13.5270

Conversions

Conversions Part 2

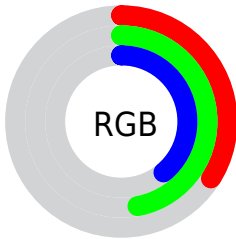
Format	Color
RYB	87, 111, 120
Decimal	5732451
CIELab	47.44, -16.52, 7.77
CIELCh	47, 18.251, 154.816
Yxy	16.3607, 0.2962, 0.3757
Android (android.graphics.Color)	4283922531 (0xFF577863)
YUV	107.7390, -4.3083, -18.1881
Hunter-Lab	40.4475, -13.8579, 7.3775

Details

The HunterLab color **40.4475, -13.8579, 7.3775** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **34.4856, 11.3971, -2.9437**, and the grayscale version is **38.6454, -2.0620, 2.0997**.

A 20% lighter version of the original color is **60.9182, -16.5375, 9.1651**, and **22.8156, -10.6034, 5.4307** is the 20% darker color. If you saturate the color by 10%, you get **39.6119, -17.3977, 9.1661**, and if you desaturate by 10%, it is **41.4007, -9.9458, 5.5592**.

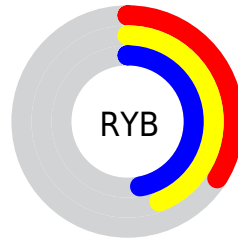
Distribution



Red (34%)

Green (47%)

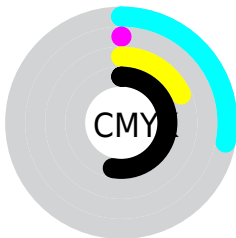
Blue (39%)



Red (34%)

Yellow (44%)

Blue (47%)

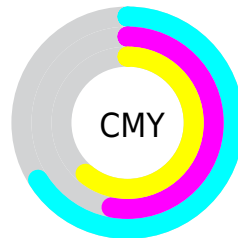


Cyan (28%)

Magenta (0%)

Yellow (18%)

Black (53%)



Cyan (66%)

Magenta (53%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4475, -13.8579, 7.3775 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 40.4475, -13.8579, 7.3775 by changing the saturation by 10% instead.

■ 40.4475, -13.8579,
7.3775

■ 40.4475, -13.8579,
7.3775

152.1383,
-26.9842, 16.6795

■ 31.2726, -12.2838,
6.3888

■ 61.0109, -16.8737,
9.3614

■ 22.9198, -10.6326,
5.3893

■ 72.3005, -18.3415,
10.3653

■ 15.4808, -8.8597,
4.3613

■ 84.2116, -19.7940,
11.3810

■ 9.0781, -8.4128,
4.0404

■ 96.7133, -21.2371,
12.4102

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.7789,
-22.6747, 13.4540

0.0000, NaN, NaN

123.3850,

0.0000, NaN, NaN

-24.1102, 14.5132

0.0000, NaN, NaN

137.5110,
-25.5461, 15.5882

■ 40.4475, -13.8579,
7.3775

■ 40.4475, -13.8579,
7.3775

■ 39.6119, -17.3977,
9.1661

■ 41.4007, -9.9458,
5.5592

■ 38.8923, -20.5305,
10.9045

■ 42.4668, -5.6967,
3.7275

■ 38.2889, -23.2316,
12.5733

■ 43.6435, -1.1507,
1.8987

■ 37.7992, -25.4857,
14.1529

■ 44.9268, 3.6525,
0.0863

■ 37.4186, -27.2903,
15.6247

■ 46.3122, 8.6749,
-1.6986

■ 37.1400, -28.6580,
16.9720

■ 47.7949, 13.8810,
-3.4472

■ 36.9413, -29.6708,
18.1703

■ 49.3698, 19.2389,
-5.1530

■ 36.8953, -29.9046,
18.4394

■ 51.0319, 24.7205,
-6.8115

■ 52.7761, 30.3014,
-8.4199

Harmonies

Analogous

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



40.4483, -9.7101, 11.5297



40.4475, -13.8579, 7.3775



40.4483, -14.9616, 1.0888

Triad

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



40.4483, -13.8586, 7.3780



40.4483, -1.0003, -13.1082



40.4483, 9.7494, 8.9760

Complementary

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



40.4475, -13.8579, 7.3775



34.4856, 11.3971, -2.9437

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.



40.4483, 12.4619, 3.2838



40.4475, -13.8579, 7.3775



40.4483, 5.9872, -10.0661

Square

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



40.4483, -13.8586, 7.3780



40.4483, -7.8426, -11.5023



40.4483, 11.0398, -3.7643



40.4483, 3.8539, 12.3338

Rectangle

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



40.4475, -13.8579, 7.3775



40.4483, -13.8915, -3.6773



40.4483, 11.0398, -3.7643



40.4483, 11.0817, 7.3124

Sweetspot

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



40.4483, -13.8586, 7.3780



56.2154, -7.9599, 5.1123



41.6392, -9.9527, 12.6443



27.2744, -4.2384, 2.6414



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.



40.4483, -13.8586, 7.3780



52.9240, -21.4001, 11.2867



40.8642, -11.4731, 1.4234



21.1467, -3.1959, 2.0092



38.5323, -31.2549, 19.3084



84.0672, -68.8213, 43.4888

Inverse Universe

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



34.4856, 11.3971, -2.9437



43.3251, 19.3650, -5.2929



34.0318, 9.0710, 3.5085



20.1344, 1.0736, 0.2514



22.1997, 40.5944, -5.6296



48.3121, 88.0367, -9.8727

Previews

White Background



This preview shows how the HunterLab color 40.4475, -13.8579, 7.3775 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 40.4475, -13.8579, 7.3775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

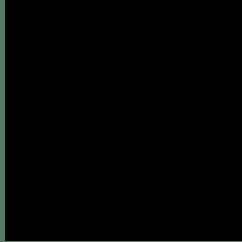
Any Text WCAG AA × Fail

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 40.4475, -13.8579, 7.3775 Background



This preview shows how black text looks on a background with the HunterLab color 40.4475, -13.8579, 7.3775.



This preview shows how white text looks on a background with the HunterLab color 40.4475,

-13.8579, 7.3775.

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

40.4475, -13.8579, 7.3775

Protanopia

40.3313, -2.7273, 8.8885

Deuteranopia

40.2203, 2.6823, 6.6811



Tritanopia

40.3391, -6.7634, -4.2733

Trichromacy



Original Color

40.4475, -13.8579, 7.3775

Protanomaly

40.2887, -7.1246, 8.4155

Deuteranomaly

39.9414, -3.8607, 6.6471

Tritanomaly

40.1960, -9.3711, 0.2328

Monochromacy



Original Color

40.4475, -13.8579, 7.3775

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

39.1377, -6.4661, 3.7571

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4475, -13.8579, 7.3775 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(87, 120, 99)` looks like.

```
.text, #text, p{  
    color:rgb(87, 120, 99)  
}
```

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(87, 120, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 120, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4475, -13.8579, 7.3775 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(87, 120, 99) }
```


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

```
.border{ border-color:rgb(87, 120, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 120, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 120, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 120, 99);  
box-shadow:4px 4px 4px 4px rgb(87, 120,  
99) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4475, -13.8579, 7.3775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 120, 99) }
```

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

```
.background{ background-color: rgb(87, 120,  
99) }
```

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