

Converting Colors

HunterLab(40.7900, -12.5266,
3.3191)

Have a look what the booklet for
HunterLab(40.7900, -12.5266,
3.3191) contains.

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Color

**HunterLab(40.6659,
-12.4845, 3.3317)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 56786E |
| RGB | 86, 120, 110 |
| RGB Percent | 34%, 47%, 43% |
| CMY | 0.6627, 0.5294, 0.5686 |
| CMYK | 0.28, 0.00, 0.08, 0.53 |
| HSL | 162°, 17%, 40% |
| HSV | 162°, 28%, 47% |
| XYZ | 13.3687, 16.5372, 17.2392 |
| YIQ | 108.6940, -17.0540, -10.3180 |

Conversions

Conversions Part 2

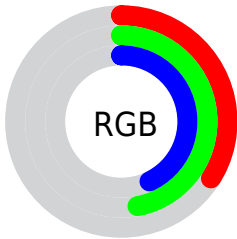
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 86, 106, 120 |
| Decimal | 5666926 |
| CIE _{Lab} | 47.67, -14.42, 1.58 |
| CIE _{LCh} | 48, 14.505, 173.739 |
| Yxy | 16.5378, 0.2836, 0.3508 |
| Android (android.graphics.Color) | 4283857006 (0xFF56786E) |
| YUV | 108.6940, 0.6439, -19.9026 |
| Hunter-Lab | 40.6659, -12.4845, 3.3317 |

Details

The HunterLab color $40.6659, -12.4845, 3.3317$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $33.9022, 10.0942, 1.7126$, and the grayscale version is $38.9921, -2.0805, 2.1185$.

A 20% lighter version of the original color is $61.1817, -14.9012, 4.3135$, and $23.0145, -9.3513, 1.9029$ is the 20% darker color. If you saturate the color by 10%, you get $39.9247, -15.4709, 3.8898$, and if you desaturate by 10%, it is $41.5145, -9.1673, 2.8840$.

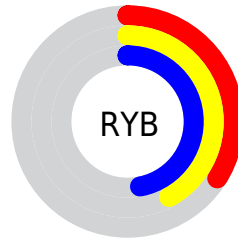
Distribution



Red (34%)

Green (47%)

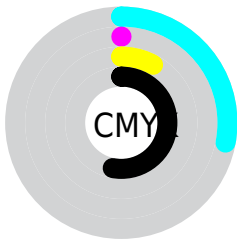
Blue (43%)



Red (34%)

Yellow (42%)

Blue (47%)

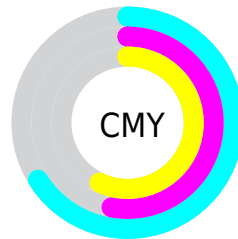


Cyan (28%)

Magenta (0%)

Yellow (8%)

Black (53%)



Cyan (66%)

Magenta (53%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.6659, -12.4845, 3.3317 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 40.6659, -12.4845, 3.3317 by changing the saturation by 10% instead.

40.6659, -12.4845,
3.3317

40.6659, -12.4845,
3.3317

152.4778,
-24.6727, 10.0524

31.4731, -11.0557,
2.7375

61.2613, -15.2461,
4.6214

23.1006, -9.5676,
2.1778

72.5655, -16.6001,
5.3131

15.6395, -7.9837,
1.6544

84.4904, -17.9457,
6.0345

9.2162, -7.3096,
1.2132

97.0053, -19.2874,
6.7845

0.0000, NaN, NaN

0.0000, NaN, NaN

110.0834,
-20.6287, 7.5622

0.0000, NaN, NaN

123.7016,

0.0000, NaN, NaN

-21.9721, 8.3666

0.0000, NaN, NaN

137.8392,
-23.3196, 9.1969

■ 40.6659, -12.4845,
3.3317

■ 40.6659, -12.4845,
3.3317

■ 39.9247, -15.4709,
3.8898

■ 41.5145, -9.1673,
2.8840

■ 39.2884, -18.1028,
4.5511

■ 42.4670, -5.5440,
2.5482

■ 38.7562, -20.3658,
5.3081

■ 43.5221, -1.6451,
2.3254

■ 38.3249, -22.2537,
6.1502

■ 44.6770, 2.4986,
2.2146

■ 37.9895, -23.7710,
7.0644

■ 45.9283, 6.8561,
2.2129

■ 37.7428, -24.9347,
8.0352

■ 47.2721, 11.3978,
2.3162

■ 37.5592, -25.8405,
9.0286

■ 48.7042, 16.0960,
2.5195

■ 37.5296, -25.9873,
9.1905

■ 50.2204, 20.9255,
2.8171

■ 51.8164, 25.8641,
3.2031

Harmonies

Analogous

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



40.6667, -10.6224, 7.9002



40.6659, -12.4845, 3.3317



40.6667, -11.7094, -2.2026

Triad

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



40.6667, -12.4851, 3.3323



40.6667, 2.3263, -8.5111



40.6667, 4.5027, 9.7425

Complementary

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



40.6659, -12.4845, 3.3317



33.9022, 10.0942, 1.7126

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.



40.6667, 8.3343, 6.1841



40.6659, -12.4845, 3.3317



40.6667, 7.0301, -4.4351

Square

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



40.6667, -12.4851, 3.3323



40.6667, -3.3583, -9.5490



40.6667, 9.2836, 1.0622



40.6667, -0.9721, 11.2589

Rectangle

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



40.6659, -12.4845, 3.3317



40.6667, -9.7779, -5.6585



40.6667, 9.2836, 1.0622



40.6667, 6.0374, 8.7712

Sweetspot

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



40.6667, -12.4851, 3.3323



56.2012, -7.7937, 3.4127



40.7470, -13.2998, 12.0643



27.2822, -4.0860, 1.6846



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.



40.6667, -12.4851, 3.3323



53.2758, -19.1830, 4.8836



38.9744, -7.9522, -3.1562



21.1974, -2.9135, 1.2848



39.1949, -27.1625, 9.6458



85.5136, -59.8766, 22.3718

Inverse Universe

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



33.9022, 10.0942, 1.7126



42.3910, 17.2882, 2.3557



35.2973, 5.6034, 7.0593



20.0815, 0.7888, 1.0054



21.1855, 36.9040, 8.8586



46.1275, 80.0741, 21.4394

Previews

White Background



This preview shows how the HunterLab color 40.6659, -12.4845, 3.3317 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 40.6659, -12.4845, 3.3317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

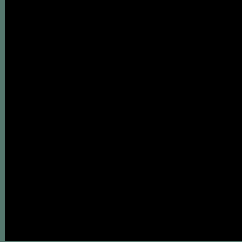
Any Text WCAG AA ✗ Fail

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 40.6659, -12.4845, 3.3317 Background



This preview shows how black text looks on a background with the HunterLab color 40.6659, -12.4845, 3.3317.



This preview shows how white text looks on a background with the HunterLab color 40.6659,

-12.4845, 3.3317.

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

40.6659, -12.4845, 3.3317

Protanopia

40.4252, -1.8694, 4.8782

Deuteranopia

40.4873, 2.7980, 2.5488



Tritanopia

40.8201, -7.9169, -4.1491

Trichromacy



Original Color

40.6659, -12.4845, 3.3317

Protanomaly

40.4058, -6.1665, 4.3790

Deuteranomaly

40.3397, -3.3147, 2.6954

Tritanomaly

40.8632, -9.6220, -1.2351

Monochromacy



Original Color

40.6659, -12.4845, 3.3317

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

39.5993, -6.0463, 2.6329

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6659, -12.4845, 3.3317 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, 120, 110)` looks like.

```
.text, #text, p{  
    color:rgb(86, 120, 110)  
}
```

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, 120, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 120, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 40.6659, -12.4845, 3.3317 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, 120, 110) }
```


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

```
.border{ border-color:rgb(86, 120, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 120, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 120, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 120, 110);  
box-shadow:4px 4px 4px 4px rgb(86, 120,  
110) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.6659, -12.4845, 3.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 120, 110) }
```

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

```
.background{ background-color: rgb(86, 120,  
110) }
```

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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