

Converting Colors

HunterLab(40.6090, -13.0539,
17.6949)

Have a look what the booklet for
HunterLab(40.6090, -13.0539,
17.6949) contains.

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Color

**HunterLab(40.6287,
-12.9697, 17.7297)**

Conversions

Conversions Part 1

Format	Color
Hex	687740
RGB	104, 119, 64
RGB Percent	41%, 47%, 25%
CMY	0.5922, 0.5333, 0.7490
CMYK	0.13, 0.00, 0.46, 0.53
HSL	76°, 30%, 36%
HSV	76°, 46%, 47%
XYZ	13.2312, 16.5069, 7.3393
YIQ	108.2450, 8.7150, -20.2850

Conversions

Conversions Part 2

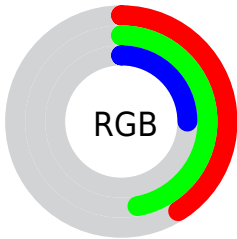
Format	Color
RYB	64, 119, 79
Decimal	6846272
CIELab	47.63, -15.15, 28.32
CIELCh	48, 32.114, 118.142
Yxy	16.5076, 0.3568, 0.4452
Android (android.graphics.Color)	4285036352 (0xFF687740)
YUV	108.2450, -21.8128, -3.7229
Hunter-Lab	40.6287, -12.9697, 17.7297

Details

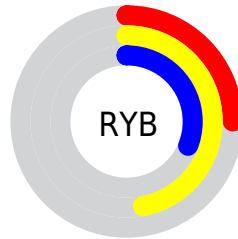
The HunterLab color $40.6287, -12.9697, 17.7297$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $25.8098, 12.8463, -23.9658$, and the grayscale version is $38.8969, -2.0754, 2.1133$.

A 20% lighter version of the original color is $61.1441, -15.7617, 22.2517$, and $23.1568, -10.1693, 12.6259$ is the 20% darker color. If you saturate the color by 10%, you get $40.2440, -14.7238, 19.7363$, and if you desaturate by 10%, it is $41.0560, -11.0174, 15.2572$.

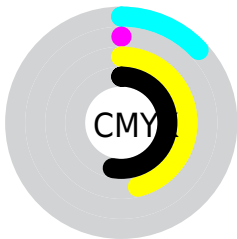
Distribution



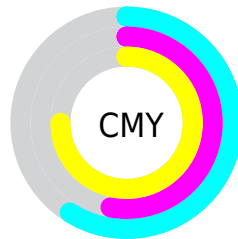
- Red (41%)
- Green (47%)
- Blue (25%)



- Red (25%)
- Yellow (47%)
- Blue (31%)



- Cyan (13%)
- Magenta (0%)
- Yellow (46%)
- Black (53%)



- Cyan (59%)
- Magenta (53%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.6287, -12.9697, 17.7297 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 40.6287, -12.9697, 17.7297 by changing the saturation by 10% instead.

40.6287, -12.9697,
17.7297

40.6287, -12.9697,
17.7297

152.4201,
-25.4824, 36.6004

31.4390, -11.4914,
15.2298

61.2187, -15.8193,
22.3425

23.0698, -9.9474,
12.5374

72.5205, -17.2126,
24.5148

15.6125, -8.2990,
10.3750

84.4430, -18.5951,
26.6241

9.1929, -7.6706,
6.4350

96.9556, -19.9719,
28.6837

0.0000, NaN, NaN

0.0000, NaN, NaN

110.0317,
-21.3465, 30.7040

0.0000, NaN, NaN

123.6478,

0.0000, NaN, NaN

-22.7218, 32.6929

0.0000, NaN, NaN

137.7834,
-24.0998, 34.6567

■ 40.6287, -12.9697,
17.7297

■ 40.6287, -12.9697,
17.7297

■ 40.2440, -14.7238,
19.7363

■ 41.0560, -11.0174,
15.2572

■ 39.8978, -16.2786,
21.2899

■ 41.5239, -8.8639,
12.3102

■ 39.5894, -17.6407,
22.4123

■ 42.0341, -6.5128,
8.8873

■ 39.3166, -18.8195,
23.1341

■ 42.5867, -3.9686,
4.9915

■ 39.0739, -19.8436,
23.5337

■ 43.1818, -1.2374,
0.6302

■ 38.9854, -20.2174,
23.6687

■ 43.8193, 1.6736,
-4.1859

■ 44.4987, 4.7562,
-9.4430

■ 45.2196, 8.0014,
-15.1250

■ 45.9813, 11.3998,
-21.2141

Harmonies

Analogous

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



40.6296, -1.3820, 19.1539



40.6287, -12.9697, 17.7297



40.6296, -20.7575, 12.5869

Triad

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



40.6296, -12.9708, 17.7301



40.6296, -14.1761, -22.6175



40.6296, 24.9715, 1.4577

Complementary

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



40.6287, -12.9697, 17.7297



25.8098, 12.8463, -23.9658

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.



40.6296, 20.5074, -11.9201



40.6287, -12.9697, 17.7297



40.6296, -2.9522, -28.1998

Square

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



40.6296, -12.9708, 17.7301



40.6296, -21.3915, -10.2205



40.6296, 9.8919, -23.7907



40.6296, 21.4597, 11.6441

Rectangle

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



40.6287, -12.9697, 17.7297



40.6296, -23.2540, 6.6655



40.6296, 9.8919, -23.7907



40.6296, 24.3440, -2.8117

Sweetspot

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



40.6296, -12.9708, 17.7301



56.3810, -8.1002, 10.9691



31.3635, 9.4591, 10.3216



27.3850, -4.2301, 5.7707



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.



40.6296, -12.9708, 17.7301



53.8434, -19.7419, 26.4524



38.9044, -19.5859, 16.2373



20.5389, -2.2757, 2.9679



40.1770, -20.8622, 24.3917



88.4430, -47.0353, 53.6747

Inverse Universe

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



25.8098, 12.8463, -23.9658



30.1823, 22.2943, -42.4049



28.4140, 20.1796, -18.5580



19.0624, 0.2177, -0.9719



13.2093, 33.3337, -74.5055



28.5146, 73.0150, -169.0362

Previews

White Background



This preview shows how the HunterLab color 40.6287, -12.9697, 17.7297 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 40.6287, -12.9697, 17.7297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

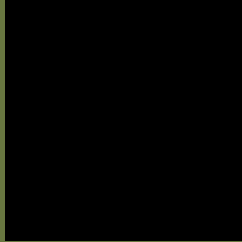
Any Text WCAG AA × Fail

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 40.6287, -12.9697, 17.7297 Background



This preview shows how black text looks on a background with the HunterLab color 40.6287, -12.9697, 17.7297.



This preview shows how white text looks on a background with the HunterLab color 40.6287,

-12.9697, 17.7297.

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

40.6287, -12.9697, 17.7297

Protanopia

40.5501, -4.5513, 18.2435

Deuteranopia

40.5570, 2.4911, 17.2717



Tritanopia

40.4331, -1.0015, -1.6283

Trichromacy



Original Color

40.6287, -12.9697, 17.7297

Protanomaly

40.4997, -7.5658, 17.9388

Deuteranomaly

40.4248, -3.4718, 17.2892

Tritanomaly

40.4595, -6.3240, 7.1523

Monochromacy



Original Color

40.6287, -12.9697, 17.7297

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

39.3533, -6.3222, 8.8839

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6287, -12.9697, 17.7297 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(104, 119, 64)` looks like.

```
.text, #text, p{  
    color:rgb(104, 119, 64)  
}
```

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(104, 119, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 119, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 40.6287, -12.9697, 17.7297 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(104, 119, 64) }
```


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

```
.border{ border-color:rgb(104, 119, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 119, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 119, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 119, 64);  
box-shadow:4px 4px 4px 4px rgb(104, 119,  
64) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.6287, -12.9697, 17.7297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 119, 64) }
```

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

```
.background{ background-color: rgb(104,  
119, 64) }
```

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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