

Converting Colors

HunterLab(40.5763, -12.4348,
13.3372)

Have a look what the booklet for
HunterLab(40.5763, -12.4348,
13.3372) contains.

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Color

**HunterLab(40.6166,
-12.4637, 13.4460)**

Conversions

Conversions Part 1

Format	Color
Hex	647751
RGB	100, 119, 81
RGB Percent	39%, 47%, 32%
CMY	0.6078, 0.5333, 0.6823
CMYK	0.16, 0.00, 0.32, 0.53
HSL	90°, 19%, 39%
HSV	90°, 32%, 47%
XYZ	13.3376, 16.4971, 10.2659
YIQ	108.9870, 0.8740, -15.8460

Conversions

Conversions Part 2

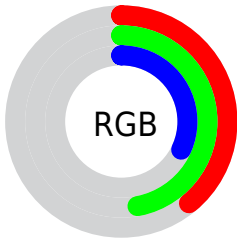
Format	Color
RYB	81, 119, 100
Decimal	6584145
CIELab	47.62, -14.40, 18.66
CIElCh	48, 23.571, 127.653
Yxy	16.4978, 0.3326, 0.4114
Android (android.graphics.Color)	4284774225 (0xFF647751)
YUV	108.9870, -13.7976, -7.8816
Hunter-Lab	40.6166, -12.4637, 13.4460

Details

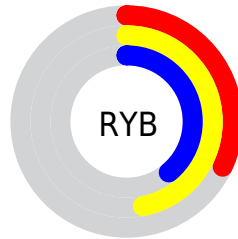
The HunterLab color $40.6166, -12.4637, 13.4460$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $31.5065, 10.1781, -13.2526$, and the grayscale version is $39.1523, -2.0891, 2.1272$.

A 20% lighter version of the original color is $61.1096, -15.1583, 16.5567$, and $23.1601, -9.7950, 9.8269$ is the 20% darker color. If you saturate the color by 10%, you get $40.0095, -15.1602, 16.0204$, and if you desaturate by 10%, it is $41.2845, -9.5261, 10.4329$.

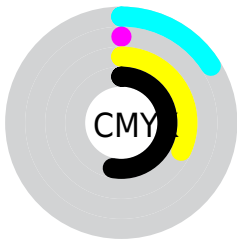
Distribution



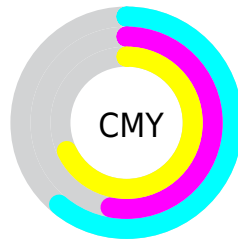
- Red (39%)
- Green (47%)
- Blue (32%)



- Red (32%)
- Yellow (47%)
- Blue (39%)



- Cyan (16%)
- Magenta (0%)
- Yellow (32%)
- Black (53%)



- Cyan (61%)
- Magenta (53%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.6166, -12.4637, 13.4460 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 40.6166, -12.4637, 13.4460 by changing the saturation by 10% instead.

40.6166, -12.4637,
13.4460

40.6166, -12.4637,
13.4460

152.4013,
-24.6438, 27.6612

31.4278, -11.0363,
11.6840

61.2048, -15.2235,
16.7746

23.0598, -9.5494,
9.8147

72.5057, -16.5765,
18.3769

15.6037, -7.9665,
7.8095

84.4276, -17.9212,
19.9536

9.1852, -7.3217,
6.4297

96.9394, -19.2620,
21.5121

0.0000, NaN, NaN

0.0000, NaN, NaN

110.0148,
-20.6024, 23.0583

0.0000, NaN, NaN

123.6303,

0.0000, NaN, NaN

-21.9450, 24.5963

0.0000, NaN, NaN

137.7652,
-23.2916, 26.1297

■ 40.6166, -12.4637,
13.4460

■ 40.6166, -12.4637,
13.4460

■ 40.0095, -15.1602,
16.0204

■ 41.2845, -9.5261,
10.4329

■ 39.4605, -17.6028,
18.1516

■ 42.0101, -6.3567,
6.9886

■ 38.9700, -19.7859,
19.8433

■ 42.7936, -2.9703,
3.1270

■ 38.5370, -21.7065,
21.1072

■ 43.6340, 0.6182,
-1.1351

■ 38.1597, -23.3665,
21.9643

■ 44.5298, 4.3931,
-5.7784

■ 37.8356, -24.7741,
22.4484

■ 45.4798, 8.3388,
-10.7817

■ 37.6024, -25.7850,
22.7190

■ 46.4823, 12.4398,
-16.1230

■ 47.5355, 16.6811,
-21.7798

■ 48.6378, 21.0484,
-27.7297

Harmonies

Analogous

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



40.6175, -4.5089, 15.6496



40.6166, -12.4637, 13.4460



40.6175, -17.3328, 8.1272

Triad

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



40.6175, -12.4647, 13.4464



40.6175, -8.7074, -16.7368



40.6175, 16.9851, 4.3983

Complementary

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



40.6166, -12.4637, 13.4460



31.5065, 10.1781, -13.2526

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.



40.6175, 15.6072, -4.7556



40.6166, -12.4637, 13.4460



40.6175, 0.2243, -18.3639

Square

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



40.6175, -12.4647, 13.4464



40.6175, -15.3026, -9.5303



40.6175, 9.2658, -13.5785



40.6175, 12.8786, 11.2410

Rectangle

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



40.6166, -12.4637, 13.4460



40.6175, -18.4432, 2.8971



40.6175, 9.2658, -13.5785



40.6175, 17.1541, 1.5126

Sweetspot

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



40.6175, -12.4647, 13.4464



56.3863, -7.7650, 8.5224



36.9202, 1.3878, 10.2727



27.3933, -4.0253, 4.4235



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.



40.6175, -12.4647, 13.4464



53.7717, -19.2507, 20.4771



39.4181, -17.0145, 12.2819



20.4445, -2.6104, 2.8593



38.7502, -26.6075, 23.4119



85.2434, -59.9653, 51.4768

Inverse Universe

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



31.5065, 10.1781, -13.2526



39.0730, 17.4612, -23.0416



33.3754, 15.8301, -10.1628



19.1610, 0.5533, -0.8398



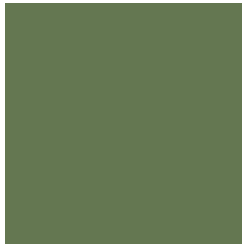
15.5362, 35.7142, -60.5645



33.5455, 78.0038, -137.6712

Previews

White Background



This preview shows how the HunterLab color 40.6166, -12.4637, 13.4460 looks on a white background.

Color Contrast Check

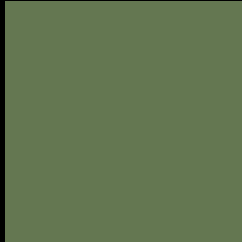
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.6166, -12.4637, 13.4460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

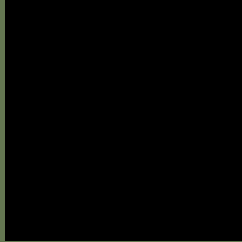
Any Text WCAG AA × Fail

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 40.6166, -12.4637, 13.4460 Background



This preview shows how black text looks on a background with the HunterLab color 40.6166, -12.4637, 13.4460.



This preview shows how white text looks on a background with the HunterLab color 40.6166,

-12.4637, 13.4460.

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

40.6166, -12.4637, 13.4460

Protanopia

40.6176, -3.8149, 14.4404

Deuteranopia

40.4181, 2.5653, 12.9456



Tritanopia

40.6557, -2.9348, -2.3273

Trichromacy



Original Color

40.6166, -12.4637, 13.4460

Protanomaly

40.5011, -7.0530, 14.0044

Deuteranomaly

40.3268, -3.2812, 13.0553

Tritanomaly

40.6406, -6.7271, 4.2270

Monochromacy



Original Color

40.6166, -12.4637, 13.4460

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

39.7181, -6.1338, 6.7455

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6166, -12.4637, 13.4460 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(100, 119, 81)` looks like.

```
.text, #text, p{  
    color:rgb(100, 119, 81)  
}
```

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(100, 119, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 119, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 40.6166, -12.4637, 13.4460 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(100, 119, 81) }
```


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

```
.border{ border-color:rgb(100, 119, 81) }
```

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

Here you see how a box with a 4 pixel rgb(100, 119, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 119, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 119, 81);  
box-shadow:4px 4px 4px 4px rgb(100, 119,  
81) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.6166, -12.4637, 13.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 119, 81) }
```

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

```
.background{ background-color: rgb(100,  
119, 81) }
```

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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