

Converting Colors

HunterLab(40.3057, -13.6739,
1.6155)

Have a look what the booklet for
HunterLab(40.3057, -13.6739,
1.6155) contains.

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Color

**HunterLab(40.3050,
-13.6732, 1.6147)**

Conversions

Conversions Part 1

Format	Color
Hex	4E7871
RGB	78, 120, 113
RGB Percent	31%, 47%, 44%
CMY	0.6941, 0.5294, 0.5569
CMYK	0.35, 0.00, 0.06, 0.53
HSL	170°, 21%, 39%
HSV	170°, 35%, 47%
XYZ	12.8390, 16.2449, 18.0817
YIQ	106.6440, -22.7850, -11.0810

Conversions

Conversions Part 2

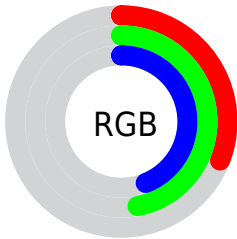
Format	Color
R _Y B	78, 101, 120
Decimal	5142641
CIE Lab	47.30, -16.27, -0.80
CIE LCh	47, 16.293, 182.825
Yxy	16.2456, 0.2722, 0.3444
Android (android.graphics.Color)	4283332721 (0xFF4E7871)
YUV	106.6440, 3.1335, -25.1208
Hunter-Lab	40.3050, -13.6732, 1.6147

Details

The HunterLab color **40.3050, -13.6732, 1.6147** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **31.7776, 12.4151, 3.7623**, and the grayscale version is **38.2043, -2.0385, 2.0757**.

A 20% lighter version of the original color is **60.7361, -16.3645, 2.3891**, and **22.7248, -10.3692, 0.7734** is the 20% darker color. If you saturate the color by 10%, you get **39.6731, -16.1885, 1.6876**, and if you desaturate by 10%, it is **41.0428, -10.8155, 1.6697**.

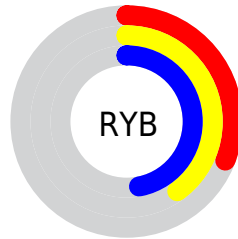
Distribution



Red (31%)

Green (47%)

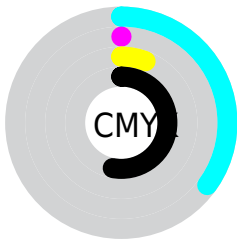
Blue (44%)



Red (31%)

Yellow (40%)

Blue (47%)

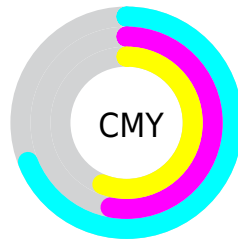


Cyan (35%)

Magenta (0%)

Yellow (6%)

Black (53%)



Cyan (69%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3050, -13.6732, 1.6147 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 40.3050, -13.6732, 1.6147 by changing the saturation by 10% instead.

■ 40.3050, -13.6732,
1.6147

■ 40.3050, -13.6732,
1.6147

151.9166,
-26.6916, 7.3725

■ 31.1418, -12.1148,
1.1634

■ 60.8474, -16.6603,
2.6494

■ 22.8019, -10.4811,
0.7609

■ 72.1275, -18.1151,
3.2252

■ 15.3774, -8.7278,
0.4145

■ 84.0296, -19.5554,
3.8368

■ 8.9867, -8.3704,
0.1187

■ 96.5227, -20.9867,
4.4823

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.5801,
-22.4132, 5.1599

0.0000, NaN, NaN

123.1783,

0.0000, NaN, NaN

-23.8379, 5.8684

0.0000, NaN, NaN

137.2966,
-25.2634, 6.6063

■ 40.3050, -13.6732,
1.6147

■ 40.3050, -13.6732,
1.6147

■ 39.6731, -16.1885,
1.6876

■ 41.0428, -10.8155,
1.6697

■ 39.1433, -18.3458,
1.8841

■ 41.8842, -7.6344,
1.8509

■ 38.7135, -20.1399,
2.1994

■ 42.8288, -4.1552,
2.1565

■ 38.3790, -21.5744,
2.6252

■ 43.8747, -0.4058,
2.5824

■ 38.1332, -22.6648,
3.1498

■ 45.0191, 3.5845,
3.1229

■ 37.9629, -23.4555,
3.7539

■ 46.2586, 7.7865,
3.7714

■ 37.8861, -23.8176,
4.0610

■ 47.5896, 12.1720,
4.5207

■ 49.0079, 16.7147,
5.3629

■ 50.5094, 21.3904,
6.2905

Harmonies

Analogous

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



40.3058, -12.4829, 7.1618



40.3050, -13.6732, 1.6147



40.3058, -11.9398, -4.6486

Triad

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



40.3058, -13.6737, 1.6153



40.3058, 4.7056, -8.8794



40.3058, 3.5964, 11.2457

Complementary

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



40.3050, -13.6732, 1.6147



31.7776, 12.4151, 3.7623

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.



40.3058, 8.6675, 8.0140



40.3050, -13.6732, 1.6147



40.3058, 9.3354, -3.4997

Square

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



40.3058, -13.6737, 1.6153



40.3058, -1.5471, -11.2680



40.3058, 10.8278, 2.7642



40.3058, -2.7549, 12.1845

Rectangle

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



40.3050, -13.6732, 1.6147



40.3058, -9.2916, -8.2405



40.3058, 10.8278, 2.7642



40.3058, 5.5203, 10.4191

Sweetspot

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



40.3058, -13.6737, 1.6153



56.1246, -7.9776, 2.6270



39.9349, -16.6852, 13.6140



27.2536, -4.1376, 1.2571



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.



40.3058, -13.6737, 1.6153



52.7681, -20.8485, 2.2059



36.6460, -6.8531, -6.2893



21.2168, -2.8058, 1.0085



39.5683, -24.8900, 4.2733



86.3570, -54.7393, 10.2276

Inverse Universe

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



31.7776, 12.4151, 3.7623



39.1333, 21.1576, 5.7880



34.7523, 5.3819, 9.2110



20.0623, 0.6854, 1.2794



20.9993, 36.2168, 11.5940



45.7682, 78.7461, 26.7330

Previews

White Background



This preview shows how the HunterLab color 40.3050, -13.6732, 1.6147 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 40.3050, -13.6732, 1.6147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

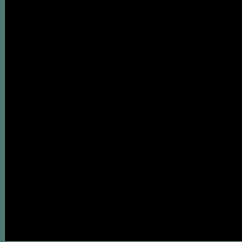
Any Text WCAG AA × Fail

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 40.3050, -13.6732, 1.6147 Background



This preview shows how black text looks on a background with the HunterLab color 40.3050, -13.6732, 1.6147.



This preview shows how white text looks on a background with the HunterLab color 40.3050,

-13.6732, 1.6147.

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

40.3050, -13.6732, 1.6147

Protanopia

40.1204, -1.4209, 3.7310

Deuteranopia

40.0348, 2.8028, 0.6977



Tritanopia

40.2970, -9.8229, -4.8834

Trichromacy



Original Color

40.3050, -13.6732, 1.6147

Protanomaly

39.9815, -6.0740, 2.6540

Deuteranomaly

39.7574, -3.7689, 0.6915

Tritanomaly

40.3785, -11.3462, -2.3534

Monochromacy



Original Color

40.3050, -13.6732, 1.6147

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

38.9606, -6.8873, 1.8694

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3050, -13.6732, 1.6147 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(78, 120, 113)` looks like.

```
.text, #text, p{  
    color:rgb(78, 120, 113)  
}
```

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(78, 120, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 120, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3050, -13.6732, 1.6147 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(78, 120, 113) }
```


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

```
.border{ border-color:rgb(78, 120, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 120, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 120, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 120, 113);  
box-shadow:4px 4px 4px 4px rgb(78, 120,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.3050, -13.6732, 1.6147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 120, 113) }
```

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

```
.background{ background-color: rgb(78, 120,  
113) }
```

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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