

# Converting Colors

HunterLab(40.1855, -12.4710,  
-0.3980)

Have a look what the booklet for  
HunterLab(40.1855, -12.4710,  
-0.3980) contains.

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# Color

**HunterLab(40.1750,  
-12.4034, -0.2986)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F7775
RGB	79, 119, 117
RGB Percent	31%, 47%, 46%
CMY	0.6902, 0.5333, 0.5412
CMYK	0.34, 0.00, 0.02, 0.53
HSL	177°, 20%, 39%
HSV	177°, 34%, 47%
XYZ	13.0322, 16.1403, 19.2582
YIQ	106.8120, -23.1980, -9.1020

# Conversions

## Conversions Part 2

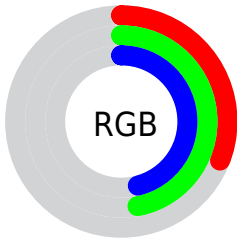
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 100, 119
Decimal	5207925
CIE <sub>Lab</sub>	47.16, -14.41, -3.37
CIE <sub>LCh</sub>	47, 14.795, 193.175
Yxy	16.1410, 0.2691, 0.3333
Android (android.graphics.Color)	4283398005 (0xFF4F7775)
<b>YUV</b>	106.8120, 5.0227, -24.3911
Hunter-Lab	40.1750, -12.4034, -0.2986

# Details

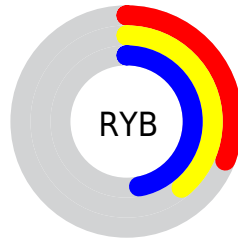
The HunterLab color  $40.1750, -12.4034, -0.2986$  is a dark color, and the websafe version is hex  $336666$ . A complement of this color would be  $31.7938, 11.1121, 5.2676$ , and the grayscale version is  $38.2613, -2.0415, 2.0788$ .

A 20% lighter version of the original color is  $60.6104, -14.9774, 0.3673$ , and  $22.5860, -9.2613, -1.0245$  is the 20% darker color. If you saturate the color by 10%, you get  $39.5747, -14.7022, -0.8118$ , and if you desaturate by 10%, it is  $40.8801, -9.7643, 0.3430$ .

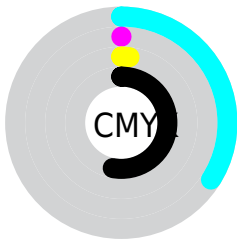
# Distribution



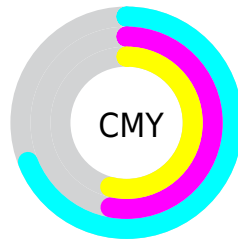
- Red (31%)
- Green (47%)
- Blue (46%)



- Red (31%)
- Yellow (39%)
- Blue (47%)



- Cyan (34%)
- Magenta (0%)
- Yellow (2%)
- Black (53%)



- Cyan (69%)
- Magenta (53%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.1750, -12.4034, -0.2986 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 40.1750, -12.4034, -0.2986 by changing the saturation by 10% instead.



■ 40.1750, -12.4034,  
-0.2986

■ 40.1750, -12.4034,  
-0.2986

151.7142,  
-24.5883, 4.4579

■ 31.0225, -10.9729,  
-0.6042

■ 60.6982, -15.1657,  
0.4736

■ 22.6944, -9.4821,  
-0.8481

■ 71.9696, -16.5196,  
0.9293

■ 15.2831, -7.8929,  
-1.0190

■ 83.8635, -17.8648,  
1.4268

■ 8.9024, -7.5266,  
-1.1277

■ 96.3487, -19.2061,  
1.9633

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.3986,  
-20.5467, 2.5365

0.0000, NaN, NaN

122.9895,

0.0000, NaN, NaN

-21.8894, 3.1444

0.0000, NaN, NaN

137.1009,  
-23.2361, 3.7854

■ 40.1750, -12.4034,  
-0.2986

■ 40.1750, -12.4034,  
-0.2986

■ 39.5747, -14.7022,  
-0.8118

■ 40.8801, -9.7643,  
0.3430

■ 39.0752, -16.6473,  
-1.1966

■ 41.6878, -6.8017,  
1.1071

■ 38.6744, -18.2352,  
-1.4533

■ 42.5978, -3.5393,  
1.9880

■ 38.3678, -19.4711,  
-1.5861

■ 43.6084, -0.0032,  
2.9783

■ 38.1487, -20.3712,  
-1.6026

■ 44.7169, 3.7788,  
4.0695

■ 38.0068, -20.9695,  
-1.5165

■ 45.9202, 7.7785,  
5.2527

■ 37.9309, -21.2943,  
-1.4422

■ 47.2145, 11.9685,  
6.5190

■ 48.5959, 16.3228,  
7.8594

■ 50.0604, 20.8174,  
9.2657

# Harmonies

## Analogous

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



40.1758, -12.2394, 5.1281



40.1750, -12.4034, -0.2986



40.1758, -9.9333, -5.7397

# Triad

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



40.1758, -12.4039, -0.2980



40.1758, 5.7443, -6.3117



40.1758, 1.1217, 11.0469

# Complementary

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



40.1750, -12.4034, -0.2986



31.7938, 11.1121, 5.2676

# 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.



40.1758, 6.2840, 8.7686



40.1750, -12.4034, -0.2986



40.1758, 9.0544, -0.9950

# Square

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



40.1758, -12.4039, -0.2980



40.1758, 0.4186, -9.5281



40.1758, 9.2574, 4.5225



40.1758, -4.6475, 11.1785



# Rectangle

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



40.1750, -12.4034, -0.2986



40.1758, -7.0388, -8.4371



40.1758, 9.2574, 4.5225



40.1758, 2.9931, 10.5232

# Sweetspot

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



40.1758, -12.4039, -0.2980



56.1784, -7.6783, 1.8605



39.4180, -17.0889, 12.8632



27.2827, -3.9753, 0.8422



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.



40.1758, -12.4039, -0.2980



53.1526, -18.9199, -0.9243



35.2592, -4.6318, -7.7035



20.3771, -2.5848, 0.7249



39.0959, -21.9518, -1.4789



86.2825, -48.5924, -2.9486



# Inverse Universe

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



31.7938, 11.1121, 5.2676



39.7021, 19.0856, 8.1120



35.9357, 2.8435, 9.9881



19.2446, 0.5542, 1.4622



20.4457, 35.0795, 12.7027



45.0925, 77.2839, 28.6599



# Previews

## White Background



This preview shows how the HunterLab color 40.1750, -12.4034, -0.2986 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 40.1750, -12.4034, -0.2986 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 40.1750, -12.4034, -0.2986 Background



This preview shows how black text looks on a background with the HunterLab color 40.1750, -12.4034, -0.2986.



This preview shows how white text looks on a background with the HunterLab color 40.1750,

-12.4034, -0.2986.

# 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

40.1750, -12.4034, -0.2986

### Protanopia

40.0618, -1.4063, 1.9745

### Deuteranopia

39.9737, 2.8330, -1.2052



## Tritanopia

40.0053, -9.3924, -5.2711

# Trichromacy



## Original Color

40.1750, -12.4034, -0.2986

## Protanomaly

40.0203, -5.7126, 0.9755

## Deuteranomaly

39.7987, -3.3895, -1.0691

## Tritanomaly

40.1153, -10.7460, -3.1651

# Monochromacy



## Original Color

40.1750, -12.4034, -0.2986

## Achromatopsia

38.3441, -2.0459, 2.0833

## Achromatomaly

38.8046, -5.8846, 0.8300

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 40.1750, -12.4034, -0.2986 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(79, 119, 117)` looks like.

```
.text, #text, p{  
    color:rgb(79, 119, 117)  
}
```

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(79, 119, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 119, 117) }
```

## Border

The CSS property to change the border of an element to HunterLab 40.1750, -12.4034, -0.2986 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(79, 119, 117) }
```



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

```
.border{ border-color:rgb(79, 119, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 119, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 119, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 119, 117);  
box-shadow:4px 4px 4px 4px rgb(79, 119,  
117) }
```

# Background

The CSS property to change the background color of an element to HunterLab 40.1750, -12.4034, -0.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 119, 117) }
```

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

```
.background{ background-color: rgb(79, 119,  
117) }
```

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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