

# Converting Colors

HunterLab(40.4191, -14.9461,  
3.0052)

Have a look what the booklet for  
HunterLab(40.4191, -14.9461,  
3.0052) contains.

<b>HunterLab(40.4191, -14.9461, 3.0052)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	24
<i><b>Color Blindness Simulation</b></i>	28
<i><b>CSS Examples</b></i>	31

# Color

**HunterLab(40.4191,  
-14.9461, 3.0052)**

# Conversions

Conversions Part 1	
Format	Color
Hex	4C796E
RGB	76, 121, 110
RGB Percent	30%, 47%, 43%
CMY	0.7020, 0.5255, 0.5686
CMYK	0.37, 0.00, 0.09, 0.53
HSL	165°, 23%, 39%
HSV	165°, 37%, 47%
XYZ	12.6323, 16.3370, 17.2394
YIQ	106.2910, -23.2890, -12.9610

# Conversions

## Conversions Part 2

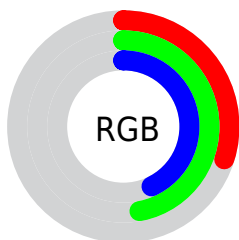
Format	Color
<a href="#">RYB</a>	<a href="#">76, 102, 121</a>
Decimal	<a href="#">5011822</a>
CIELab	<a href="#">47.41, -18.17, 1.14</a>
CIELCh	<a href="#">47, 18.207, 176.420</a>
Yxy	<a href="#">16.3377, 0.2734, 0.3536</a>
Android (android.graphics.Color)	<a href="#">4283201902</a> (0xFF4C796E)
YUV	<a href="#">106.2910, 1.8285, -26.5652</a>
Hunter-Lab	<a href="#">40.4191, -14.9461, 3.0052</a>

# Details

The HunterLab color **40.4191, -14.9461, 3.0052** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **31.4998, 13.9549, 2.6814**, and the grayscale version is **38.0751, -2.0316, 2.0687**.

A 20% lighter version of the original color is **61.1496, -18.2428, 4.2178**, and **22.8618, -11.3804, 1.6923** is the 20% darker color. If you saturate the color by 10%, you get **39.7799, -17.5559, 3.4553**, and if you desaturate by 10%, it is **41.1659, -11.9846, 2.6728**.

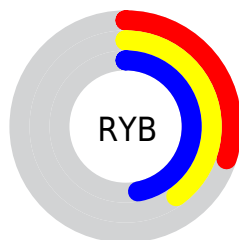
# Distribution



Red (30%)

Green (47%)

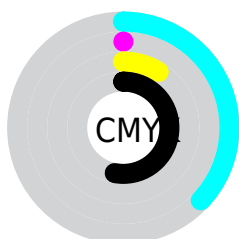
Blue (43%)



Red (30%)

Yellow (40%)

Blue (47%)

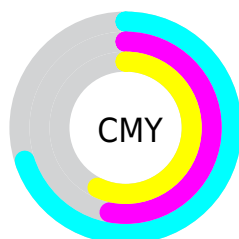


Cyan (37%)

Magenta (0%)

Yellow (9%)

Black (53%)



Cyan (70%)

Magenta (53%)


Yellow (57%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4191, -14.9461, 3.0052 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 40.4191, -14.9461, 3.0052 by changing the saturation by 10% instead.





 40.4191, -14.9461,  
3.0052


 40.4191, -14.9461,  
3.0052


152.0941,  
-28.8171, 9.5396


 31.2465, -13.2565,  
2.4387


 60.9783, -18.1635,  
4.2454


 22.8963, -11.4760,  
1.9096

 72.2660, -19.7216,  
4.9146

 15.4602, -9.5538,  
1.4208

 84.1753, -21.2591,  
5.6148

 9.0599, -9.2237,  
1.0133

 96.6753, -22.7826,  
6.3446

0.0000, NaN, NaN

0.0000, NaN, NaN

 109.7393,  
-24.2968, 7.1029

0.0000, NaN, NaN


123.3438,


0.0000, NaN, NaN


-25.8054, 7.8888


0.0000, NaN, NaN


137.4682,  
-27.3114, 8.7013


 40.4191, -14.9461,  
3.0052


 40.4191, -14.9461,  
3.0052


 39.7799, -17.5559,  
3.4553


 41.1659, -11.9846,  
2.6728


 39.2445, -19.7979,  
4.0153


 42.0181, -8.6912,  
2.4599

 38.8105, -21.6666,  
4.6772


 42.9754, -5.0928,  
2.3679


 38.4729, -23.1663,  
5.4293


 44.0358, -1.2183,  
2.3955


 38.2246, -24.3139,  
6.2575


 45.1964, 2.9015,  
2.5398


 38.0452, -25.1834,  
7.1331

 46.4538, 7.2363,  
2.7961

 37.9973, -25.4176,  
7.3760

 47.8042, 11.7566,  
3.1590

 49.2434, 16.4352,  
3.6222

 50.7671, 21.2469,  
4.1789

# Harmonies

## Analogous

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



40.4199, -12.9537, 8.7666



40.4191, -14.9461, 3.0052



40.4199, -13.7137, -4.0405

# Triad

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



40.4199, -14.9466, 3.0057



40.4199, 4.1210, -11.3017



40.4199, 5.7033, 11.6235

# Complementary

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



40.4191, -14.9461, 3.0052



31.4998, 13.9549, 2.6814

# 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.



40.4199, 10.8601, 7.5813



40.4191, -14.9461, 3.0052



40.4199, 9.9030, -5.6945

# Square

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



40.4199, -14.9466, 3.0057



40.4199, -3.0110, -13.0923



40.4199, 12.4473, 1.3777



40.4199, -1.2996, 13.1680



# Rectangle

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



40.4191, -14.9461, 3.0052



40.4199, -11.1785, -8.4281



40.4199, 12.4473, 1.3777



40.4199, 7.7284, 10.5501

# Sweetspot

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



40.4199, -14.9466, 3.0057



56.9677, -8.8288, 3.1994



40.2933, -16.9267, 14.4707



27.1762, -4.4634, 1.5357



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.



40.4199, -14.9466, 3.0057



53.3163, -23.1436, 4.5523



37.4374, -8.3895, -5.7274



21.2049, -2.8717, 1.1775



39.3319, -26.3260, 7.6687



85.8217, -57.9936, 17.9218



# Inverse Universe

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



31.4998, 13.9549, 2.6814



38.8522, 24.0847, 4.2344



33.8293, 7.3812, 8.9906



20.0740, 0.7483, 1.1126



21.1016, 36.5947, 10.0884



45.9611, 79.4598, 23.8854



# Previews

## White Background



This preview shows how the HunterLab color 40.4191, -14.9461, 3.0052 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 40.4191, -14.9461, 3.0052 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

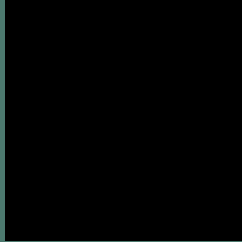
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

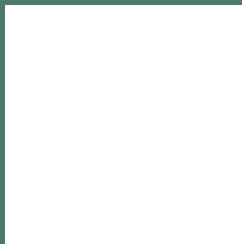
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 40.4191, -14.9461, 3.0052 Background



This preview shows how black text looks on a background with the HunterLab color 40.4191, -14.9461, 3.0052.



This preview shows how white text looks on a background with the HunterLab color 40.4191, -14.9461, 3.0052.

-14.9461, 3.0052.

# 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

40.4191, -14.9461, 3.0052

### Protanopia

40.3996, -2.0095, 5.2451

### Deuteranopia

40.0686, 2.8025, 1.6220



## Tritanopia

40.2751, -9.8383, -5.4187

# Trichromacy



## Original Color

40.4191, -14.9461, 3.0052

## Protanomaly

40.1120, -7.2216, 4.0300

## Deuteranomaly

39.9792, -4.5296, 1.8221

## Tritanomaly

40.2944, -11.7196, -1.9927

# Monochromacy



## Original Color

40.4191, -14.9461, 3.0052

## Achromatopsia

37.9643, -2.0257, 2.0627

## Achromatomaly

38.5530, -7.0111, 2.2416

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 40.4191, -14.9461, 3.0052 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(76, 121, 110)` looks like.

```
.text, #text, p{  
    color:rgb(76, 121, 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(76, 121, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 121, 110) }
```

## Border

The CSS property to change the border of an element to HunterLab 40.4191, -14.9461, 3.0052 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(76, 121, 110) }
```



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

```
.border{ border-color:rgb(76, 121, 110) }
```

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

Here you see how a box with a 4 pixel rgb(76, 121, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 121, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 121, 110);  
box-shadow:4px 4px 4px 4px rgb(76, 121,  
110) }
```

# Background

The CSS property to change the background color of an element to HunterLab 40.4191, -14.9461, 3.0052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(76, 121, 110) }
```

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

```
.background{ background-color:rgb(76, 121,  
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](#).

Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor