

Converting Colors

HunterLab(40.4191, -14.9461,
3.0052)

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

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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

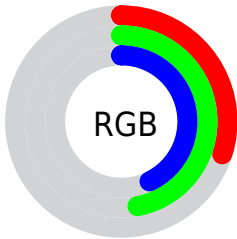
Format	Color
R_{YB}	76, 102, 121
Decimal	5011822
CIE _{Lab}	47.41, -18.17, 1.14
CIE _{LCh}	47, 18.207, 176.420
Yxy	16.3377, 0.2734, 0.3536
Android (android.graphics.Color)	4283201902 (0xFF4C796E)
YUV	106.2910, 1.8285, -26.5652
Hunter-Lab	40.4191, -14.9461, 3.0052

Details

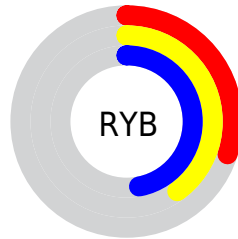
The HunterLab color $40.4191, -14.9461, 3.0052$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $31.4998, 13.9549, 2.6814$, and the grayscale version is $38.0751, -2.0316, 2.0687$.

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 $41.1659, -11.9846, 2.6728$.

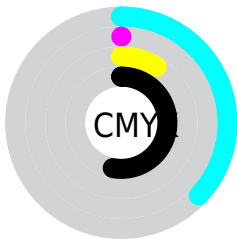
Distribution



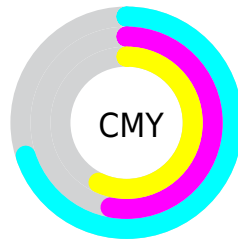
- Red (30%)
- Green (47%)
- Blue (43%)



- 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

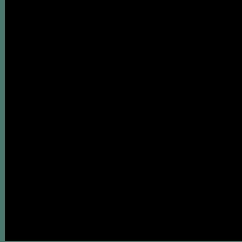
Any Text WCAG AA ✗ Fail

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.

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](#).

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