

Converting Colors

HunterLab(40.1958, -15.4974,
14.2214)

Have a look what the booklet for
HunterLab(40.1958, -15.4974,
14.2214) contains.

HunterLab(40.2404, -15.5476, 14.1788)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(40.2404,
-15.5476, 14.1788)**

Conversions

Conversions Part 1

Format	Color
Hex	5B784D
RGB	91, 120, 77
RGB Percent	36%, 47%, 30%
CMY	0.6431, 0.5294, 0.6980
CMYK	0.24, 0.00, 0.36, 0.53
HSL	100°, 22%, 39%
HSV	100°, 36%, 47%
XYZ	12.3704, 16.1929, 9.4947
YIQ	106.4270, -3.4810, -19.5210

Conversions

Conversions Part 2

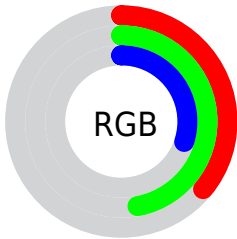
Format	Color
RYB	77, 120, 106
Decimal	5994573
CIELab	47.23, -19.14, 20.32
CIELCh	47, 27.918, 133.286
Yxy	16.1936, 0.3250, 0.4255
Android (android.graphics.Color)	4284184653 (0xFF5B784D)
YUV	106.4270, -14.5075, -13.5295
Hunter-Lab	40.2404, -15.5476, 14.1788

Details

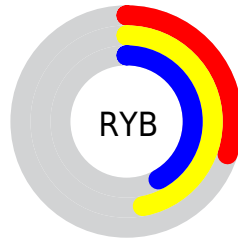
The HunterLab color $40.2404, -15.5476, 14.1788$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $31.1905, 14.0262, -14.3143$, and the grayscale version is $38.1814, -2.0373, 2.0745$.

A 20% lighter version of the original color is $60.6318, -18.7462, 17.7310$, and $22.6853, -11.7451, 10.2015$ is the 20% darker color. If you saturate the color by 10%, you get $39.5601, -18.5590, 16.5564$, and if you desaturate by 10%, it is $41.0035, -12.2209, 11.3855$.

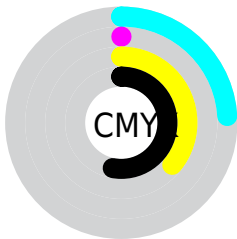
Distribution



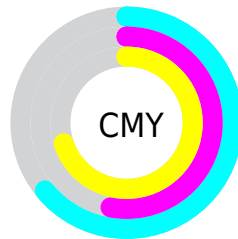
- Red (36%)
- Green (47%)
- Blue (30%)



- Red (30%)
- Yellow (47%)
- Blue (42%)



- Cyan (24%)
- Magenta (0%)
- Yellow (36%)
- Black (53%)



- Cyan (64%)
- Magenta (53%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2404, -15.5476, 14.1788 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 40.2404, -15.5476, 14.1788 by changing the saturation by 10% instead.

40.2404, -15.5476,
14.1788

40.2404, -15.5476,
14.1788

151.8161,
-29.8610, 29.1863

31.0826, -13.7889,
12.2884

60.7733, -18.8860,
17.7280

22.7485, -11.9299,
10.2736

72.0491, -20.4979,
19.4275

15.3306, -9.9159,
8.1952

83.9471, -22.0858,
21.0947

8.9450, -9.8026,
6.2615

96.4363, -23.6569,
22.7383

0.0000, NaN, NaN

0.0000, NaN, NaN

109.4900,
-25.2163, 24.3647

0.0000, NaN, NaN

123.0846,

0.0000, NaN, NaN

-26.7682, 25.9791

0.0000, NaN, NaN

137.1995,
-28.3156, 27.5852

■ 40.2404, -15.5476,
14.1788

■ 40.2404, -15.5476,
14.1788

■ 39.5601, -18.5590,
16.5564

■ 41.0035, -12.2209,
11.3855

■ 38.9602, -21.2352,
18.5095

■ 41.8457, -8.5974,
8.1896

■ 38.4410, -23.5645,
20.0389

■ 42.7666, -4.7013,
4.6106

■ 38.0009, -25.5411,
21.1552

■ 43.7641, -0.5576,
0.6712

■ 37.6375, -27.1670,
21.8810

■ 44.8359, 3.8088,
-3.6035

■ 37.3445, -28.4666,
22.2852

■ 45.9794, 8.3732,
-8.1877

■ 37.2374, -28.9451,
22.4388

■ 47.1919, 13.1120,
-13.0551

■ 48.4704, 18.0033,
-18.1800

■ 49.8120, 23.0265,
-23.5378

Harmonies

Analogous

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



40.2413, -6.8587, 17.1761



40.2404, -15.5476, 14.1788



40.2413, -20.3374, 7.5181

Triad

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



40.2413, -15.5485, 14.1792



40.2413, -8.0073, -21.9977



40.2413, 20.3741, 6.5128

Complementary

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



40.2404, -15.5476, 14.1788



31.1905, 14.0262, -14.3143

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.



40.2413, 19.9819, -3.9827



40.2404, -15.5476, 14.1788



40.2413, 2.7871, -22.4783

Square

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



40.2413, -15.5485, 14.1792



40.2413, -16.3119, -14.0381



40.2413, 13.2707, -15.2154



40.2413, 14.2911, 13.6130

Rectangle

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



40.2404, -15.5476, 14.1788



40.2413, -21.0271, 1.0293



40.2413, 13.2707, -15.2154



40.2413, 21.0130, 3.3179

Sweetspot

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



40.2413, -15.5485, 14.1792



56.0394, -9.0862, 8.7557



38.4305, -1.2717, 12.8259



27.2183, -4.6888, 4.5054



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.



40.2413, -15.5485, 14.1792



52.6165, -23.9336, 21.4364



39.5653, -17.8788, 11.4462



21.2308, -2.9987, 2.9079



38.8836, -30.2706, 23.4300



84.6793, -67.1431, 51.0036

Inverse Universe

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



31.1905, 14.0262, -14.3143



38.1102, 23.7178, -24.7235



32.3879, 17.0156, -8.2556



20.0380, 0.8655, -0.7843



18.3761, 39.5201, -50.5308



39.5380, 85.5577, -112.8040

Previews

White Background



This preview shows how the HunterLab color 40.2404, -15.5476, 14.1788 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 40.2404, -15.5476, 14.1788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

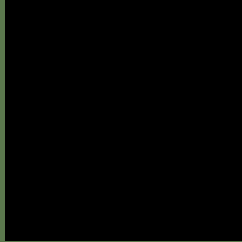
Any Text WCAG AA × Fail

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 40.2404, -15.5476, 14.1788 Background



This preview shows how black text looks on a background with the HunterLab color 40.2404, -15.5476, 14.1788.



This preview shows how white text looks on a background with the HunterLab color 40.2404,

-15.5476, 14.1788.

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

40.2404, -15.5476, 14.1788

Protanopia

40.1842, -4.0677, 15.1313

Deuteranopia

40.1013, 2.7274, 13.5370



Tritanopia

40.0766, -4.9749, -3.1147

Trichromacy



Original Color

40.2404, -15.5476, 14.1788

Protanomaly

40.1054, -8.6253, 14.7210

Deuteranomaly

40.0055, -4.5240, 13.6091

Tritanomaly

39.9553, -9.3149, 4.2232

Monochromacy



Original Color

40.2404, -15.5476, 14.1788

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

38.6805, -7.1603, 7.1144

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2404, -15.5476, 14.1788 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(91, 120, 77)` looks like.

```
.text, #text, p{  
    color:rgb(91, 120, 77)  
}
```

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(91, 120, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 120, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2404, -15.5476, 14.1788 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(91, 120, 77) }
```


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

```
.border{ border-color:rgb(91, 120, 77) }
```

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

Here you see how a box with a 4 pixel rgb(91, 120, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 120, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 120, 77);  
box-shadow:4px 4px 4px 4px rgb(91, 120,  
77) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2404, -15.5476, 14.1788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 120, 77) }
```

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

```
.background{ background-color: rgb(91, 120,  
77) }
```

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