

Converting Colors

HunterLab(40.4764, -12.0037,
14.8269)

Have a look what the booklet for
HunterLab(40.4764, -12.0037,
14.8269) contains.

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Color

**HunterLab(40.4503,
-11.7600, 14.6973)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 67764C |
| RGB | 103, 118, 76 |
| RGB Percent | 40%, 46%, 30% |
| CMY | 0.5961, 0.5372, 0.7020 |
| CMYK | 0.13, 0.00, 0.36, 0.54 |
| HSL | 81°, 22%, 38% |
| HSV | 81°, 36%, 46% |
| XYZ | 13.3765, 16.3623, 9.2907 |
| YIQ | 108.7270, 4.5420, -16.2420 |

Conversions

Conversions Part 2

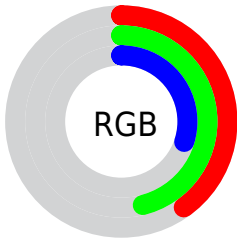
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 76, 118, 91 |
| Decimal | 6780492 |
| CIE Lab | 47.45, -13.40, 21.34 |
| CIE LCh | 47, 25.198, 122.121 |
| Yxy | 16.3630, 0.3427, 0.4192 |
| Android (android.graphics.Color) | 4284970572 (0xFF67764C) |
| YUV | 108.7270, -16.1344, -5.0226 |
| Hunter-Lab | 40.4503, -11.7600, 14.6973 |

Details

The HunterLab color $40.4503, -11.7600, 14.6973$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $29.4984, 9.9157, -16.1010$, and the grayscale version is $39.0608, -2.0842, 2.1222$.

A 20% lighter version of the original color is $60.9907, -14.2685, 18.4714$, and $23.0032, -9.1153, 10.6737$ is the 20% darker color. If you saturate the color by 10%, you get $39.9632, -13.9598, 17.1399$, and if you desaturate by 10%, it is $40.9854, -9.3520, 11.7976$.

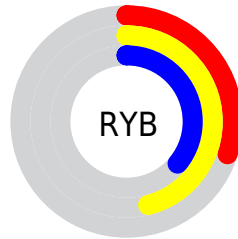
Distribution



Red (40%)

Green (46%)

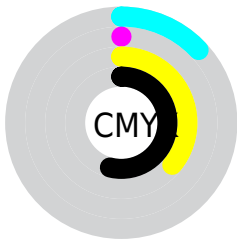
Blue (30%)



Red (30%)

Yellow (46%)

Blue (36%)

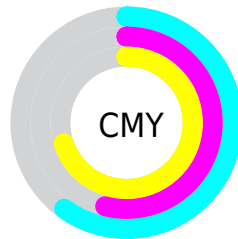


Cyan (13%)

Magenta (0%)

Yellow (36%)

Black (54%)



Cyan (60%)

Magenta (54%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4503, -11.7600, 14.6973 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 40.4503, -11.7600, 14.6973 by changing the saturation by 10% instead.

40.4503, -11.7600,
14.6973

40.4503, -11.7600,
14.6973

152.1428,
-23.4967, 30.1842

31.2752, -10.4001,
12.7321

61.0141, -14.4009,
18.3775

22.9221, -8.9882,
10.6341

72.3040, -15.7003,
20.1356

15.4829, -7.4909,
8.4980

84.2153, -16.9943,
21.8576

9.0799, -6.9147,
6.3559

96.7171, -18.2872,
23.5528

0.0000, NaN, NaN

0.0000, NaN, NaN

109.7829,
-19.5818, 25.2283

0.0000, NaN, NaN

123.3892,

0.0000, NaN, NaN

-20.8805, 26.8894

0.0000, NaN, NaN

137.5153,
-22.1850, 28.5402

■ 40.4503, -11.7600,
14.6973

■ 40.4503, -11.7600,
14.6973

■ 39.9632, -13.9598,
17.1399

■ 40.9854, -9.3520,
11.7976

■ 39.5210, -15.9452,
19.1282

■ 41.5662, -6.7381,
8.4411

■ 39.1234, -17.7167,
20.6734

■ 42.1935, -3.9267,
4.6345

■ 38.7691, -19.2774,
21.7939

■ 42.8670, -0.9264,
0.3881

■ 38.4559, -20.6344,
22.5175

■ 43.5863, 2.2529,
-4.2846

■ 38.1791, -21.8114,
22.9121

■ 44.3506, 5.6009,
-9.3673

■ 38.0632, -22.3055,
23.0639

■ 45.1591, 9.1065,
-14.8421

■ 46.0108, 12.7586,
-20.6897

■ 46.9047, 16.5462,
-26.8897

Harmonies

Analogous

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



40.4512, -2.8601, 16.4028



40.4503, -11.7600, 14.6973



40.4512, -17.6004, 9.7640

Triad

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



40.4512, -11.7610, 14.6977



40.4512, -10.6545, -17.2179



40.4512, 18.5958, 2.8640

Complementary

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



40.4503, -11.7600, 14.6973



29.4984, 9.9157, -16.1010

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.



40.4512, 16.0107, -7.1781



40.4503, -11.7600, 14.6973



40.4512, -1.4562, -20.3013

Square

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



40.4512, -11.7610, 14.6977



40.4512, -17.0059, -8.6164



40.4512, 8.4283, -16.2573



40.4512, 15.1923, 10.6698

Rectangle

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



40.4503, -11.7600, 14.6973



40.4512, -19.2888, 4.5984



40.4512, 8.4283, -16.2573



40.4512, 18.3979, -0.3509

Sweetspot

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



40.4512, -11.7610, 14.6977



55.4679, -7.3558, 9.0849



34.3583, 4.7713, 9.4554



26.5564, -3.7075, 4.5991



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.4512, -11.7610, 14.6977



53.0852, -18.0847, 22.2732



39.0984, -16.8817, 13.4277



20.5036, -2.4007, 2.9273



39.5803, -23.2360, 23.9824



87.0910, -52.4323, 52.7471

Inverse Universe

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



29.4984, 9.9157, -16.1010



35.3710, 17.3012, -28.4182



31.4682, 15.8305, -12.6272



19.0988, 0.3417, -0.9231



13.9442, 34.0277, -69.6541



30.0546, 74.4132, -158.4352

Previews

White Background



This preview shows how the HunterLab color 40.4503, -11.7600, 14.6973 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 40.4503, -11.7600, 14.6973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

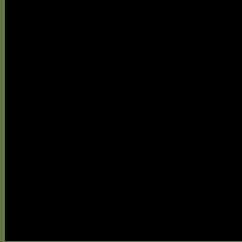
Any Text WCAG AA ✗ Fail

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 40.4503, -11.7600, 14.6973 Background



This preview shows how black text looks on a background with the HunterLab color 40.4503, -11.7600, 14.6973.



This preview shows how white text looks on a background with the HunterLab color 40.4503,

-11.7600, 14.6973.

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

40.4503, -11.7600, 14.6973

Protanopia

40.2745, -3.7497, 15.2139

Deuteranopia

40.4271, 2.4115, 14.3824



Tritanopia

40.2741, -1.5510, -1.8406

Trichromacy



Original Color

40.4503, -11.7600, 14.6973

Protanomaly

40.2336, -6.7104, 14.8648

Deuteranomaly

40.4167, -3.1477, 14.5497

Tritanomaly

40.2248, -5.4696, 4.9916

Monochromacy



Original Color

40.4503, -11.7600, 14.6973

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

39.4680, -5.6828, 7.2314

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4503, -11.7600, 14.6973 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(103, 118, 76)` looks like.

```
.text, #text, p{  
    color:rgb(103, 118, 76)  
}
```

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(103, 118, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 118, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4503, -11.7600, 14.6973 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(103, 118, 76) }
```


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

```
.border{ border-color:rgb(103, 118, 76) }
```

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

Here you see how a box with a 4 pixel rgb(103, 118, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 118, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 118, 76);  
box-shadow:4px 4px 4px 4px rgb(103, 118,  
76) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4503, -11.7600, 14.6973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 118, 76) }
```

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

```
.background{ background-color: rgb(103,  
118, 76) }
```

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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