

Converting Colors

HunterLab(40.4025, -5.4273,
1.3615)

Have a look what the booklet for
HunterLab(40.4025, -5.4273, 1.3615)
contains.

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Color

**HunterLab(40.4474, -5.6384,
1.4890)**

Conversions

Conversions Part 1

Format	Color
Hex	677372
RGB	103, 115, 114
RGB Percent	40%, 45%, 45%
CMY	0.5961, 0.5490, 0.5529
CMYK	0.10, 0.00, 0.01, 0.55
HSL	175°, 6%, 43%
HSV	175°, 10%, 45%
XYZ	14.7615, 16.3599, 18.2993
YIQ	111.2980, -6.8310, -2.8550

Conversions

Conversions Part 2

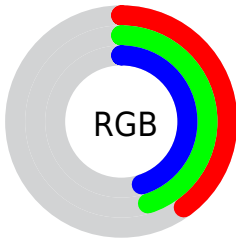
Format	Color
R_{YB}	103, 109, 115
Decimal	6779762
CIE _{Lab}	47.44, -4.70, -0.99
CIE _{LCh}	47, 4.804, 191.838
Yxy	16.3606, 0.2987, 0.3310
Android (android.graphics.Color)	4284969842 (0xFF677372)
YUV	111.2980, 1.3321, -7.2773
Hunter-Lab	40.4474, -5.6384, 1.4890

Details

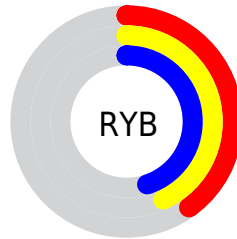
The HunterLab color $40.4474, -5.6384, 1.4890$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $37.8751, 1.6768, 2.8650$, and the grayscale version is $39.9816, -2.1333, 2.1723$.

A 20% lighter version of the original color is $61.0415, -7.3163, 2.4442$, and $22.9094, -4.0835, 0.7059$ is the 20% darker color. If you saturate the color by 10%, you get $39.6294, -8.6441, 0.8767$, and if you desaturate by 10%, it is $41.3643, -2.3583, 2.2156$.

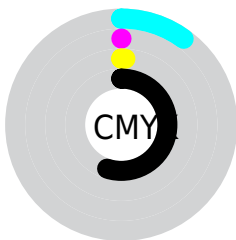
Distribution



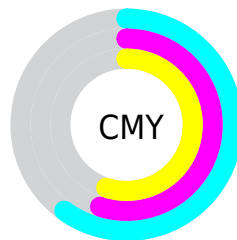
- Red (40%)
- Green (45%)
- Blue (45%)



- Red (40%)
- Yellow (43%)
- Blue (45%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (55%)



- Cyan (60%)
- Magenta (55%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4474, -5.6384, 1.4890 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 40.4474, -5.6384, 1.4890 by changing the saturation by 10% instead.

■ 40.4474, -5.6384,
1.4890

■ 40.4474, -5.6384,
1.4890

152.1382,
-13.5911, 7.1797

■ 31.2725, -4.8529,
1.0476

■ 61.0107, -7.2648,
2.5061

■ 22.9197, -4.0800,
0.6559

■ 72.3004, -8.1070,
3.0738

■ 15.4808, -3.3136,
0.3215

■ 84.2115, -8.9697,
3.6778

■ 9.0780, -2.7415,
0.0442

■ 96.7132, -9.8529,
4.3159

0.0000, NaN, NaN

0.0000, NaN, NaN

109.7788,
-10.7568, 4.9866

0.0000, NaN, NaN

123.3849,

0.0000, NaN, NaN

-11.6813, 5.6883

0.0000, NaN, NaN

137.5109,
-12.6261, 6.4197

■ 40.4474, -5.6384,
1.4890

■ 40.4474, -5.6384,
1.4890

■ 39.6294, -8.6441,
0.8767

■ 41.3643, -2.3583,
2.2156

■ 38.9091, -11.3493,
0.3821

■ 42.3756, 1.1727,
3.0478

■ 38.2876, -13.7350,
0.0097

■ 43.4793, 4.9268,
3.9786

■ 37.7640, -15.7871,
-0.2392

■ 44.6722, 8.8771,
5.0000

■ 37.3361, -17.4981,
-0.3656

■ 45.9507, 12.9980,
6.1039

■ 37.0000, -18.8690,
-0.3734

■ 47.3110, 17.2652,
7.2820

■ 36.7503, -19.9109,
-0.2698

■ 48.7491, 21.6569,
8.5267

■ 36.5794, -20.6457,
-0.0652

■ 50.2611, 26.1532,
9.8309

■ 36.4559, -21.1918,
0.1803

■ 51.8431, 30.7369,
11.1878

Harmonies

Analogous

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



40.4482, -5.5394, 3.2594



40.4474, -5.6384, 1.4890



40.4482, -4.8195, -0.1607

Triad

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



40.4482, -5.6392, 1.4896



40.4482, 0.2801, -0.4460



40.4482, -1.0270, 5.3358

Complementary

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



40.4474, -5.6384, 1.4890



37.8751, 1.6768, 2.8650

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.



40.4482, 0.5692, 4.4297



40.4474, -5.6384, 1.4890



40.4482, 1.3333, 1.1147

Square

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



40.4482, -5.6392, 1.4896



40.4482, -1.4159, -1.3119



40.4482, 1.4401, 2.9011



40.4482, -2.8996, 5.4259

Rectangle

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



40.4474, -5.6384, 1.4890



40.4482, -3.8530, -0.9500



40.4482, 1.4401, 2.9011



40.4482, -0.4395, 5.1186

Sweetspot

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



40.4482, -5.6392, 1.4896



55.0147, -4.3500, 2.6938



40.2448, -6.9517, 5.7721



26.8272, -2.2802, 1.2808



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.



40.4482, -5.6392, 1.4896



53.7934, -8.7539, 1.7391



39.1369, -3.3322, -0.5153



20.3722, -2.6121, 0.7951



38.9762, -22.6695, 0.2201



86.0049, -50.2574, 0.9927

Inverse Universe

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



37.8751, 1.6768, 2.8650



49.4071, 3.7257, 4.0870



39.1250, -0.6707, 4.6509



19.2493, 0.5796, 1.3949



20.4676, 35.1608, 12.3777



45.1211, 77.3901, 28.2350

Previews

White Background



This preview shows how the HunterLab color 40.4474, -5.6384, 1.4890 looks on a white background.

Color Contrast Check

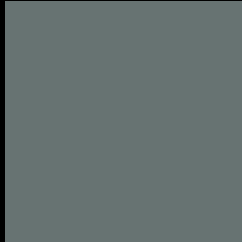
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.4474, -5.6384, 1.4890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

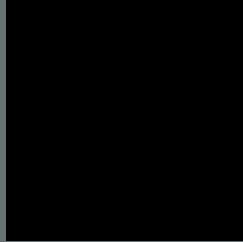
Any Text WCAG AA × Fail

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 40.4474, -5.6384, 1.4890 Background



This preview shows how black text looks on a background with the HunterLab color 40.4474, -5.6384, 1.4890.



This preview shows how white text looks on a background with the HunterLab color 40.4474, -5.6384,

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

40.4474, -5.6384, 1.4890

Protanopia

40.4173, -1.5769, 2.3902

Deuteranopia

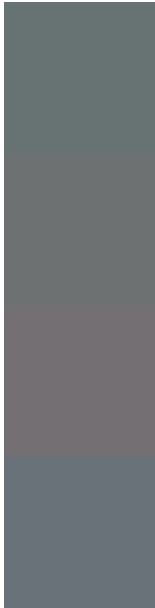
40.3889, 2.6358, 1.1235



Tritanopia

40.5807, -3.1973, -2.4286

Trichromacy



Original Color

40.4474, -5.6384, 1.4890

Protanomaly

40.3949, -3.0109, 1.9080

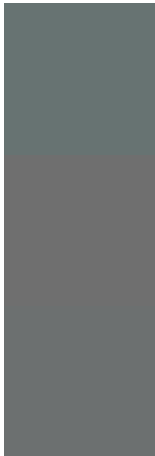
Deuteranomaly

40.3132, -0.3705, 0.9795

Tritanomaly

40.4150, -3.9621, -1.2339

Monochromacy



Original Color

40.4474, -5.6384, 1.4890

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

39.9329, -3.2654, 1.7893

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4474, -5.6384, 1.4890 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, 115, 114)` looks like.

```
.text, #text, p{  
    color:rgb(103, 115, 114)  
}
```

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, 115, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 115, 114) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4474, -5.6384, 1.4890 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, 115, 114) }
```


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

```
.border{ border-color:rgb(103, 115, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 115, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 115, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 115, 114);  
box-shadow:4px 4px 4px 4px rgb(103, 115,  
114) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4474, -5.6384, 1.4890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 115, 114) }
```

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

```
.background{ background-color: rgb(103,  
115, 114) }
```

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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