

Converting Colors

HunterLab(40.1961, -4.9550,
1.7441)

Have a look what the booklet for
HunterLab(40.1961, -4.9550, 1.7441)
contains.

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Color

**HunterLab(40.2119, -5.0871,
1.6544)**

Conversions

Conversions Part 1

Format	Color
Hex	687271
RGB	104, 114, 113
RGB Percent	41%, 45%, 44%
CMY	0.5922, 0.5529, 0.5569
CMYK	0.09, 0.00, 0.01, 0.55
HSL	174°, 5%, 43%
HSV	174°, 9%, 45%
XYZ	14.7069, 16.1700, 17.9688
YIQ	110.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

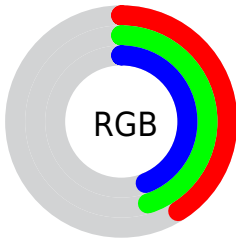
Format	Color
R_{YB}	104, 109, 114
Decimal	6845041
CIE _{Lab}	47.20, -3.97, -0.74
CIE _{LCh}	47, 4.039, 190.583
Yxy	16.1707, 0.3011, 0.3310
Android (android.graphics.Color)	4285035121 (0xFF687271)
YUV	110.8960, 1.0373, -6.0478
Hunter-Lab	40.2119, -5.0871, 1.6544

Details

The HunterLab color $40.2119, -5.0871, 1.6544$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $38.0768, 1.0596, 2.6699$, and the grayscale version is $39.8286, -2.1252, 2.1640$.

A 20% lighter version of the original color is $60.7928, -6.7170, 2.6253$, and $22.6891, -3.5977, 0.8495$ is the 20% darker color. If you saturate the color by 10%, you get $39.3806, -8.1405, 1.1064$, and if you desaturate by 10%, it is $41.1406, -1.7680, 2.3157$.

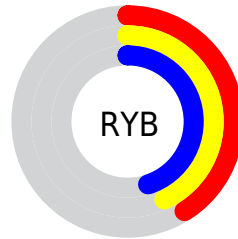
Distribution



Red (41%)

Green (45%)

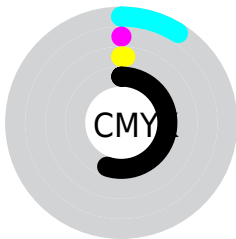
Blue (44%)



Red (41%)

Yellow (43%)

Blue (45%)

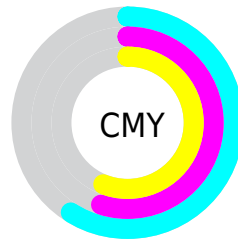


Cyan (9%)

Magenta (0%)

Yellow (1%)

Black (55%)



Cyan (59%)

Magenta (55%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2119, -5.0871, 1.6544 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 40.2119, -5.0871, 1.6544 by changing the saturation by 10% instead.

■ 40.2119, -5.0871,
1.6544

■ 40.2119, -5.0871,
1.6544

151.7717,
-12.7234, 7.4335

■ 31.0564, -4.3488,
1.2000

■ 60.7406, -6.6295,
2.6947

■ 22.7249, -3.6281,
0.7942

■ 72.0145, -7.4336,
3.2731

■ 15.3099, -2.9206,
0.4440

■ 83.9107, -8.2602,
3.8871

■ 8.9265, -2.4151,
0.1414

■ 96.3982, -9.1091,
4.5349

0.0000, NaN, NaN

0.0000, NaN, NaN

109.4501, -9.9802,
5.2147

0.0000, NaN, NaN

123.0432,

0.0000, NaN, NaN

-10.8732, 5.9253

0.0000, NaN, NaN

137.1566,
-11.7877, 6.6652

■ 40.2119, -5.0871,
1.6544

■ 40.2119, -5.0871,
1.6544

■ 39.3806, -8.1405,
1.1064

■ 41.1406, -1.7680,
2.3157

■ 38.6457, -10.9015,
0.6748

■ 42.1621, 1.7932,
3.0818

■ 38.0085, -13.3506,
0.3639

■ 43.2743, 5.5689,
3.9462

■ 37.4684, -15.4721,
0.1749

■ 44.4740, 9.5326,
4.9011

■ 37.0233, -17.2572,
0.1066

■ 45.7575, 13.6592,
5.9385

■ 36.6700, -18.7048,
0.1553

■ 47.1211, 17.9251,
7.0507

■ 36.4033, -19.8237,
0.3139

■ 48.5609, 22.3092,
8.2302

■ 36.2161, -20.6333,
0.5723

■ 50.0729, 26.7923,
9.4700

■ 36.0805, -21.2399,
0.8933

■ 51.6533, 31.3579,
10.7635

Harmonies

Analogous

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



40.2127, -4.9703, 3.1369



40.2119, -5.0871, 1.6544



40.2127, -4.4269, 0.2650

Triad

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



40.2127, -5.0879, 1.6550



40.2127, -0.1543, -0.0661



40.2127, -1.1339, 4.8177

Complementary

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



40.2119, -5.0871, 1.6544



38.0768, 1.0596, 2.6699

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.



40.2127, 0.1832, 4.0222



40.2119, -5.0871, 1.6544



40.2127, 0.7548, 1.2172

Square

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



40.2127, -5.0879, 1.6550



40.2127, -1.5889, -0.7538



40.2127, 0.8793, 2.7155



40.2127, -2.7037, 4.9247

Rectangle

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



40.2119, -5.0871, 1.6544



40.2127, -3.6277, -0.4081



40.2127, 0.8793, 2.7155



40.2127, -0.6462, 4.6234

Sweetspot

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



40.2127, -5.0879, 1.6550



53.9911, -4.2791, 2.6750



40.0602, -6.1120, 5.1941



25.9228, -2.2061, 1.2568



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



40.2127, -5.0879, 1.6550



53.0170, -7.7948, 1.9971



39.1745, -3.2118, -0.0124



19.5185, -2.5034, 0.7975



38.0478, -22.4977, 1.0096



84.8768, -50.4690, 2.8595

Inverse Universe

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



38.0768, 1.0596, 2.6699



49.3861, 2.6602, 3.7243



39.0736, -0.8423, 4.1889



18.4565, 0.5530, 1.3021



20.0223, 34.4213, 11.9099



44.6173, 76.5637, 27.6282

Previews

White Background



This preview shows how the HunterLab color 40.2119, -5.0871, 1.6544 looks on a white background.

Color Contrast Check

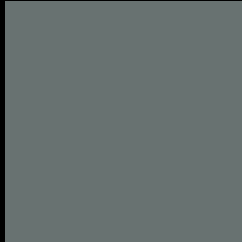
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.2119, -5.0871, 1.6544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

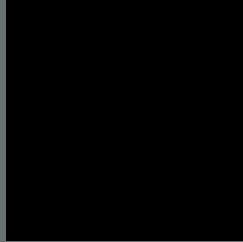
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

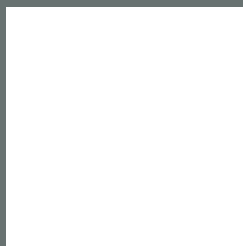
Any Text WCAG AAA × Fail

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

HunterLab 40.2119, -5.0871, 1.6544 Background



This preview shows how black text looks on a background with the HunterLab color 40.2119, -5.0871, 1.6544.



This preview shows how white text looks on a background with the HunterLab color 40.2119, -5.0871, 1.6544.

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

40.2119, -5.0871, 1.6544

Protanopia

40.1173, -1.2694, 2.4716

Deuteranopia

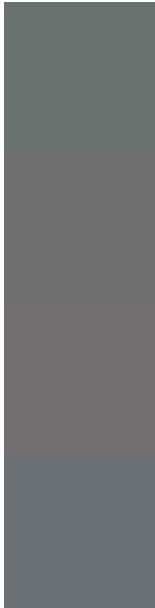
40.0062, 2.6495, 1.1049



Tritanopia

40.2724, -2.9119, -2.3424

Trichromacy



Original Color

40.2119, -5.0871, 1.6544

Protanomaly

40.0914, -2.7107, 1.9867

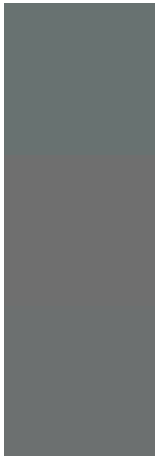
Deuteranomaly

40.0145, -0.0635, 1.0674

Tritanomaly

40.1814, -3.4128, -1.0528

Monochromacy



Original Color

40.2119, -5.0871, 1.6544

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 40.2119, -5.0871, 1.6544 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(104, 114, 113)` looks like.

```
.text, #text, p{  
    color:rgb(104, 114, 113)  
}
```

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(104, 114, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 114, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2119, -5.0871, 1.6544 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(104, 114, 113) }
```


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

```
.border{ border-color:rgb(104, 114, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 114, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 114, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 114, 113);  
box-shadow:4px 4px 4px 4px rgb(104, 114,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2119, -5.0871, 1.6544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 114, 113) }
```

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

```
.background{ background-color: rgb(104,  
114, 113) }
```

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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