

Converting Colors

HunterLab(40.1382, -3.7906,
-19.3132)

Have a look what the booklet for
HunterLab(40.1382, -3.7906,
-19.3132) contains.

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Color

**HunterLab(40.1848, -3.9597,
-19.1365)**

Conversions

Conversions Part 1

Format	Color
Hex	4E7398
RGB	78, 115, 152
RGB Percent	31%, 45%, 60%
CMY	0.6941, 0.5490, 0.4039
CMYK	0.49, 0.24, 0.00, 0.40
HSL	210°, 32%, 45%
HSV	210°, 49%, 60%
XYZ	14.9401, 16.1482, 32.0352
YIQ	108.1550, -33.9290, 3.6630

Conversions

Conversions Part 2

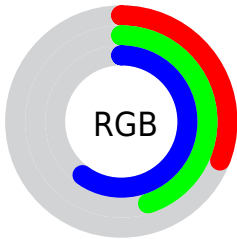
Format	Color
R_{YB}	78, 103, 152
Decimal	5141400
CIE _{Lab}	47.17, -2.44, -24.11
CIE _{LCh}	47, 24.232, 264.231
Yxy	16.1488, 0.2367, 0.2558
Android (android.graphics.Color)	4283331480 (0xFF4E7398)
YUV	108.1550, 21.6156, -26.4459
Hunter-Lab	40.1848, -3.9597, -19.1365

Details

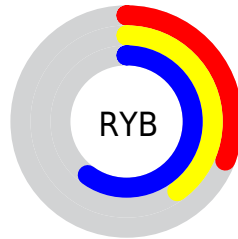
The HunterLab color $40.1848, -3.9597, -19.1365$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $44.1447, 5.4582, 17.6159$, and the grayscale version is $38.7141, -2.0657, 2.1034$.

A 20% lighter version of the original color is $60.7610, -5.5103, -19.6347$, and $22.6629, -2.5667, -18.2903$ is the 20% darker color. If you saturate the color by 10%, you get $37.3051, -3.0586, -24.2789$, and if you desaturate by 10%, it is $43.2113, -4.4200, -14.2103$.

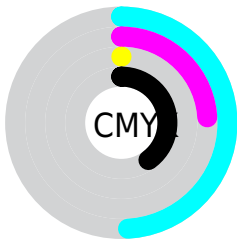
Distribution



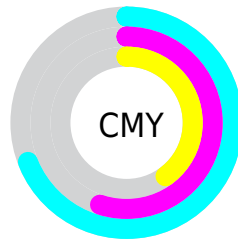
- Red (31%)
- Green (45%)
- Blue (60%)



- Red (31%)
- Yellow (40%)
- Blue (60%)



- Cyan (49%)
- Magenta (24%)
- Yellow (0%)
- Black (40%)



- Cyan (69%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.1848, -3.9597, -19.1365 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 40.1848, -3.9597, -19.1365 by changing the saturation by 10% instead.

■ 40.1848, -3.9597,
-19.1365

■ 40.1848, -3.9597,
-19.1365

151.7294,
-10.9428, -21.0914

■ 31.0314, -3.3183,
-18.6378

■ 60.7094, -5.3279,
-19.9734

■ 22.7024, -2.7055,
-18.1176

■ 71.9815, -6.0533,
-20.3019

■ 15.2902, -2.1201,
-17.6541

■ 83.8759, -6.8055,
-20.5704

■ 8.9088, -1.6672,
-17.5710

■ 96.3618, -7.5837,
-20.7807

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 109.4122, -8.3871,
-20.9355

0.0000, NaN, NaN

123.0037, -9.2152,

0.0000, NaN, NaN

-21.0372

0.0000, NaN, NaN

137.1156,
-10.0673, -21.0884

■ 40.1848, -3.9597,
-19.1365

■ 40.1848, -3.9597,
-19.1365

■ 37.3051, -3.0586,
-24.2789

■ 43.2113, -4.4200,
-14.2103

■ 34.5864, -1.6597,
-29.6410

■ 46.3677, -4.4942,
-9.4921

■ 32.0467, 0.2893,
-35.2075

■ 49.6416, -4.2322,
-4.9650

■ 29.7028, 2.8248,
-40.9444

■ 53.0217, -3.6782,
-0.6106

■ 27.5462, 5.8804,
-46.8620

■ 56.4983, -2.8701,
3.5899

■ 27.2689, 6.2964,
-47.6758

■ 60.0629, -1.8402,
7.6545

■ 63.7082, -0.6161,
11.6000

■ 67.4278, 0.7790,
15.4415

■ 71.2163, 2.3254,
19.1926

Harmonies

Analogous

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



40.1855, -12.2424, -14.5511



40.1848, -3.9597, -19.1365



40.1855, 5.6005, -17.0231

Triad

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



40.1855, -3.9598, -19.1357



40.1855, 15.8362, 8.6649



40.1855, -15.8748, 11.0496

Complementary

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



40.1848, -3.9597, -19.1365



44.1447, 5.4582, 17.6159

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.



40.1855, -9.3475, 14.9907



40.1848, -3.9597, -19.1365



40.1855, 9.0566, 13.8534

Square

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



40.1855, -3.9598, -19.1357



40.1855, 17.6151, 0.4076



40.1855, -0.3002, 15.8832



40.1855, -18.7006, 3.8894

Rectangle

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



40.1848, -3.9597, -19.1365



40.1855, 11.3555, -12.3031



40.1855, -0.3002, 15.8832



40.1855, -14.0717, 12.7219

Sweetspot

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



40.1855, -3.9598, -19.1357



67.4595, -5.4140, -4.6104



50.3134, -26.0863, 11.4320



31.7491, -2.6406, -2.7380



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



40.1855, -3.9598, -19.1357



49.3964, -3.9953, -32.5677



30.5551, 13.9112, -38.5711



25.5167, -1.7944, -0.4082



25.0934, 5.5253, -43.2921



4.0842, -1.0182, -2.9068

Inverse Universe

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



36.5549, 27.6759, -3.2989



44.4568, 45.0591, -4.6021



54.4814, -11.6232, 25.5231



25.0432, 1.3007, 0.6645



24.5784, 43.8967, 1.8861



3.1249, 5.7985, -1.4463

Previews

White Background



This preview shows how the HunterLab color 40.1848, -3.9597, -19.1365 looks on a white background.

Color Contrast Check

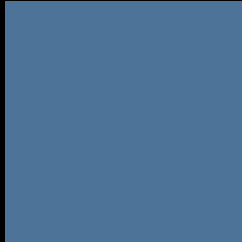
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.1848, -3.9597, -19.1365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

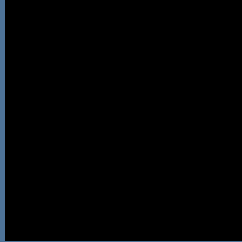
Any Text WCAG AA × Fail

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 40.1848, -3.9597, -19.1365 Background



This preview shows how black text looks on a background with the HunterLab color 40.1848, -3.9597, -19.1365.



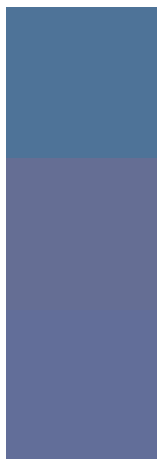
This preview shows how white text looks on a background with the HunterLab color 40.1848, -3.9597, -19.1365.

-19.1365.

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

40.1848, -3.9597, -19.1365

Protanopia

40.0708, 2.4332, -16.7208

Deuteranopia

40.0605, 2.8024, -19.8689



Tritanopia

40.1475, -11.7572, -6.1387

Trichromacy



Original Color

40.1848, -3.9597, -19.1365

Protanomaly

40.1066, -0.1639, -17.3232

Deuteranomaly

40.1402, 0.2751, -19.7754

Tritanomaly

40.2726, -9.2325, -10.1886

Monochromacy



Original Color

40.1848, -3.9597, -19.1365

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

39.1989, -3.6973, -4.7530

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.1848, -3.9597, -19.1365 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(78, 115, 152)` looks like.

```
.text, #text, p{  
    color:rgb(78, 115, 152)  
}
```

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(78, 115, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 115, 152) }
```

Border

The CSS property to change the border of an element to HunterLab 40.1848, -3.9597, -19.1365 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(78, 115, 152) }
```


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

```
.border{ border-color:rgb(78, 115, 152) }
```

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

Here you see how a box with a 4 pixel rgb(78, 115, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 115, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 115, 152);  
box-shadow:4px 4px 4px 4px rgb(78, 115,  
152) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.1848, -3.9597, -19.1365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 115, 152) }
```

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

```
.background{ background-color: rgb(78, 115,  
152) }
```

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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