

Converting Colors

HunterLab(40.0181, -17.6153,
-0.8761)

Have a look what the booklet for
HunterLab(40.0181, -17.6153,
-0.8761) contains.

HunterLab(40.0142, -17.6051, -1.0477)	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(40.0142,
-17.6051, -1.0477)**

Conversions

Conversions Part 1

Format	Color
Hex	367A76
RGB	54, 122, 118
RGB Percent	21%, 48%, 46%
CMY	0.7882, 0.5216, 0.5373
CMYK	0.56, 0.00, 0.03, 0.52
HSL	176°, 39%, 35%
HSV	176°, 56%, 48%
XYZ	11.7509, 16.0114, 19.6107
YIQ	101.2120, -39.2440, -15.6600

Conversions

Conversions Part 2

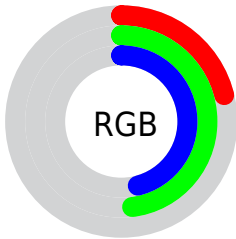
Format	Color
RYB	54, 89, 122
Decimal	3570294
CIELab	46.99, -22.42, -4.34
CIELCh	47, 22.838, 190.964
Yxy	16.0120, 0.2481, 0.3380
Android (android.graphics.Color)	4281760374 (0xFF367A76)
YUV	101.2120, 8.2765, -41.4049
Hunter-Lab	40.0142, -17.6051, -1.0477

Details

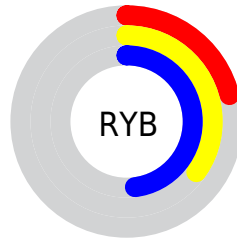
The HunterLab color $40.0142, -17.6051, -1.0477$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $26.6119, 21.2391, 7.8501$, and the grayscale version is $36.1355, -1.9281, 1.9633$.

A 20% lighter version of the original color is $60.5706, -21.5706, -0.2804$, and $22.8195, -12.6497, -1.2152$ is the 20% darker color. If you saturate the color by 10%, you get $39.6216, -19.1771, -1.2358$, and if you desaturate by 10%, it is $40.5094, -15.6652, -0.7272$.

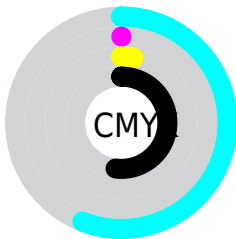
Distribution



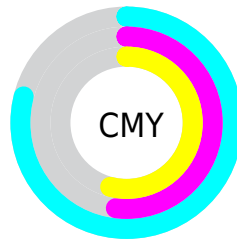
- Red (21%)
- Green (48%)
- Blue (46%)



- Red (21%)
- Yellow (35%)
- Blue (48%)



- Cyan (56%)
- Magenta (0%)
- Yellow (3%)
- Black (52%)



- Cyan (79%)
- Magenta (52%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0142, -17.6051, -1.0477 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 40.0142, -17.6051, -1.0477 by changing the saturation by 10% instead.

40.0142, -17.6051,
-1.0477

40.0142, -17.6051,
-1.0477

151.4637,
-33.4201, 3.3339

30.8750, -15.6104,
-1.2997

60.5136, -21.3524,
-0.3730

22.5615, -13.4861,
-1.4856

71.7743, -23.1468,
0.0378

15.1667, -11.1635,
-1.5933

83.6579, -24.9062,
0.4925

8.7969, -11.5760,
-1.6467

96.1334, -26.6392,
0.9881

0.0000, NaN, NaN

0.0000, NaN, NaN

109.1739,
-28.3525, 1.5221

0.0000, NaN, NaN

122.7559,

0.0000, NaN, NaN

-30.0512, 2.0922

0.0000, NaN, NaN

136.8587,
-31.7394, 2.6967

■ 40.0142, -17.6051,
-1.0477

■ 40.0142, -17.6051,
-1.0477

■ 39.6216, -19.1771,
-1.2358

■ 40.5094, -15.6652,
-0.7272

■ 39.3241, -20.3880,
-1.2984

■ 41.1082, -13.3590,
-0.2739

■ 39.1151, -21.2574,
-1.2443

■ 41.8133, -10.6975,
0.3117

■ 38.9794, -21.8396,
-1.0938

■ 42.6250, -7.6988,
1.0262

■ 38.9273, -22.0656,
-1.0224

■ 43.5428, -4.3858,
1.8637

■ 44.5647, -0.7852,
2.8171

■ 45.6883, 3.0743,
3.8780

■ 46.9102, 7.1635,
5.0373

■ 48.2269, 11.4537,
6.2859

Harmonies

Analogous

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



40.0150, -17.0783, 7.1372



40.0142, -17.6051, -1.0477



40.0150, -14.2692, -10.0465

Triad

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



40.0150, -17.6054, -1.0472



40.0150, 9.7248, -12.1853



40.0150, 3.6050, 14.7242

Complementary

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



40.0142, -17.6051, -1.0477



26.6119, 21.2391, 7.8501

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.



40.0150, 11.6381, 11.4569



40.0142, -17.6051, -1.0477



40.0150, 15.3793, -3.5100

Square

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



40.0150, -17.6054, -1.0472



40.0150, 1.1736, -17.3515



40.0150, 16.1087, 5.1554



40.0150, -5.3438, 15.1016

Rectangle

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



40.0142, -17.6051, -1.0477



40.0150, -10.1172, -14.8507



40.0150, 16.1087, 5.1554



40.0150, 6.5216, 13.9675

Sweetspot

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



40.0150, -17.6054, -1.0472



56.3461, -10.9072, 1.1908



38.8609, -24.8202, 18.1860



26.8619, -5.5145, 0.4970



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.



40.0150, -17.6054, -1.0472



52.4263, -25.9465, -1.6797



31.5231, -4.7224, -15.2904



21.2334, -2.7136, 0.7718



39.9412, -22.6438, -1.0415



87.2084, -49.6083, -1.9128

Inverse Universe

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



26.6119, 21.2391, 7.8501



31.7180, 35.2687, 12.5776



32.6538, 7.4778, 13.9144



20.0462, 0.5989, 1.5083



20.9101, 35.8862, 12.9143



45.6220, 78.2037, 28.9008

Previews

White Background



This preview shows how the HunterLab color 40.0142, -17.6051, -1.0477 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 40.0142, -17.6051, -1.0477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

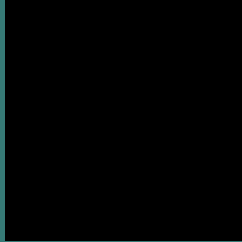
Any Text WCAG AA × Fail

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 40.0142, -17.6051, -1.0477 Background



This preview shows how black text looks on a background with the HunterLab color 40.0142, -17.6051, -1.0477.



This preview shows how white text looks on a background with the HunterLab color 40.0142, -17.6051, -1.0477.

-17.6051, -1.0477.

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

40.0142, -17.6051, -1.0477

Protanopia

39.7621, -1.1000, 2.0572

Deuteranopia

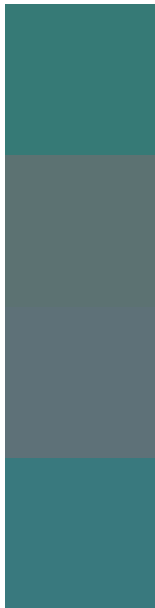
39.8591, 2.5700, -2.3014



Tritanopia

39.9681, -13.8978, -6.9440

Trichromacy



Original Color

40.0142, -17.6051, -1.0477

Protanomaly

39.4016, -7.9381, 0.1849

Deuteranomaly

39.4284, -6.0202, -2.5301

Tritanomaly

40.0636, -15.3517, -4.7929

Monochromacy



Original Color

40.0142, -17.6051, -1.0477

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

37.2607, -8.7800, 0.6725

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0142, -17.6051, -1.0477 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(54, 122, 118)` looks like.

```
.text, #text, p{  
    color:rgb(54, 122, 118)  
}
```

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(54, 122, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 122, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0142, -17.6051, -1.0477 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(54, 122, 118) }
```


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

```
.border{ border-color:rgb(54, 122, 118) }
```

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

Here you see how a box with a 4 pixel rgb(54, 122, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 122, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 122, 118);  
box-shadow:4px 4px 4px 4px rgb(54, 122,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.0142, -17.6051, -1.0477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 122, 118) }
```

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

```
.background{ background-color: rgb(54, 122,  
118) }
```

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