

Converting Colors

HunterLab(38.4858, -13.2041,
-5.0828)

Have a look what the booklet for
HunterLab(38.4858, -13.2041,
-5.0828) contains.

HunterLab(38.5850, -13.4778, -4.7526)	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(38.5850,
-13.4778, -4.7526)**

Conversions

Conversions Part 1

Format	Color
Hex	3D747A
RGB	61, 116, 122
RGB Percent	24%, 45%, 48%
CMY	0.7608, 0.5451, 0.5216
CMYK	0.50, 0.05, 0.00, 0.52
HSL	186°, 33%, 36%
HSV	186°, 50%, 48%
XYZ	11.6827, 14.8880, 20.6703
YIQ	100.2390, -34.7060, -9.7940

Conversions

Conversions Part 2

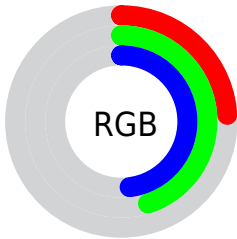
Format	Color
RYB	61, 90, 122
Decimal	4027514
CIELab	45.48, -16.40, -8.94
CIELCh	45, 18.680, 208.607
Yxy	14.8886, 0.2473, 0.3152
Android (android.graphics.Color)	4282217594 (0xFF3D747A)
YUV	100.2390, 10.7282, -34.4126
Hunter-Lab	38.5850, -13.4778, -4.7526

Details

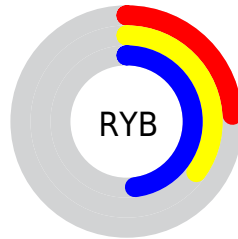
The HunterLab color $[38.5850, -13.4778, -4.7526]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[29.1360, 15.6418, 9.2425]$, and the grayscale version is $[35.7593, -1.9080, 1.9429]$.

A 20% lighter version of the original color is $[58.7979, -16.5192, -4.4377]$, and $[21.4832, -10.4281, -4.3408]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.7752, -14.7034, -5.8800]$, and if you desaturate by 10%, it is $[39.4959, -11.8979, -3.5116]$.

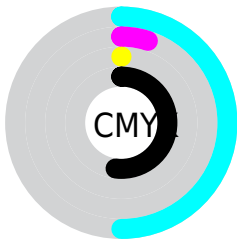
Distribution



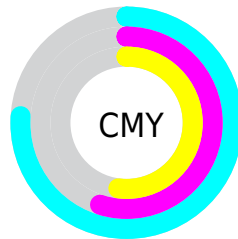
- Red (24%)
- Green (45%)
- Blue (48%)



- Red (24%)
- Yellow (35%)
- Blue (48%)



- Cyan (50%)
- Magenta (5%)
- Yellow (0%)
- Black (52%)



- Cyan (76%)
- Magenta (55%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.5850, -13.4778, -4.7526 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 38.5850, -13.4778, -4.7526 by changing the saturation by 10% instead.

■ 38.5850, -13.4778,
-4.7526

■ 38.5850, -13.4778,
-4.7526

149.2283,
-26.5727, -2.1172

■ 29.5656, -11.8989,
-4.7614

■ 58.8707, -16.4928,
-4.5263

■ 21.3841, -10.2376,
-4.6899

■ 70.0343, -17.9579,
-4.3236

■ 14.1381, -8.4433,
-4.5267

■ 81.8261, -19.4070,
-4.0680

■ 7.7898, -9.5899,
-4.6177

■ 94.2140, -20.8458,
-3.7635

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 107.1709,
-22.2788, -3.4135

0.0000, NaN, NaN

120.6726,

0.0000, NaN, NaN

-23.7093, -3.0209

0.0000, NaN, NaN

134.6980,
-25.1399, -2.5881

■ 38.5850, -13.4778,
-4.7526

■ 38.5850, -13.4778,
-4.7526

■ 37.7752, -14.7034,
-5.8800

■ 39.4959, -11.8979,
-3.5116

■ 37.0625, -15.5694,
-6.8900

■ 40.5056, -9.9752,
-2.1667

■ 36.4441, -16.0816,
-7.7799

■ 41.6138, -7.7284,
-0.7268

■ 35.9138, -16.2583,
-8.5521

■ 42.8182, -5.1795,
0.7980

■ 35.4368, -16.2310,
-9.2546

■ 44.1161, -2.3534,
2.3972

■ 35.4367, -16.2310,
-9.2547

■ 45.5038, 0.7247,
4.0609

■ 46.9778, 4.0291,
5.7797

■ 48.5338, 7.5353,
7.5450

■ 50.1679, 11.2206,
9.3491

Harmonies

Analogous

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



38.5857, -14.9482, 2.4191



38.5850, -13.4778, -4.7526



38.5857, -9.0107, -10.9168

Triad

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



38.5857, -13.4780, -4.7520



38.5857, 10.4816, -5.4086



38.5857, -1.7238, 13.0824

Complementary

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



38.5850, -13.4778, -4.7526



29.1360, 15.6418, 9.2425

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.



38.5857, 5.4184, 11.7355



38.5850, -13.4778, -4.7526



38.5857, 12.7769, 1.7788

Square

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



38.5857, -13.4780, -4.7520



38.5857, 4.7937, -11.3422



38.5857, 10.8605, 7.8886



38.5857, -8.4680, 11.9654

Rectangle

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



38.5850, -13.4778, -4.7526



38.5857, -4.7577, -13.1679



38.5857, 10.8605, 7.8886



38.5857, 0.7120, 12.9082

Sweetspot

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



38.5857, -13.4780, -4.7520



55.9206, -8.7312, -0.0395



39.1226, -23.4312, 15.8656



26.6125, -4.4435, -0.1807



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.



38.5857, -13.4780, -4.7520



49.9593, -19.6981, -8.0030



30.1993, -0.8411, -17.5554



21.0910, -2.4212, 0.4634



36.3516, -16.6427, -9.5094



78.9535, -35.7941, -21.4159

Inverse Universe

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



29.5574, 25.8620, -14.4793



36.0881, 42.2875, -23.5796



35.9826, 2.0407, 14.9328



20.1768, 1.3013, -0.3514



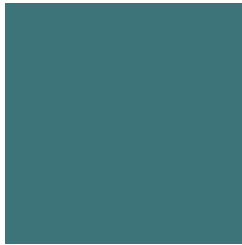
23.5390, 45.3439, -23.8013



51.3421, 98.7939, -51.0785

Previews

White Background



This preview shows how the HunterLab color 38.5850, -13.4778, -4.7526 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 38.5850, -13.4778, -4.7526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

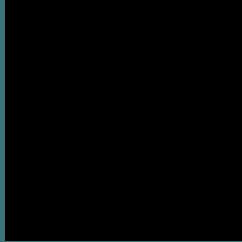
Any Text WCAG AA × Fail

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 38.5850, -13.4778, -4.7526 Background



This preview shows how black text looks on a background with the HunterLab color 38.5850, -13.4778, -4.7526.



This preview shows how white text looks on a background with the HunterLab color 38.5850, -13.4778, -4.7526.

-13.4778, -4.7526.

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

38.5850, -13.4778, -4.7526

Protanopia

38.2534, -0.4479, -2.0458

Deuteranopia

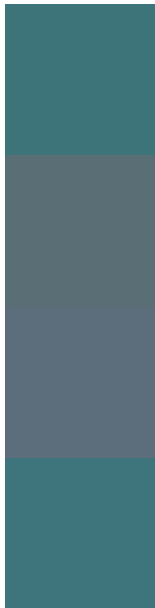
38.4832, 2.2131, -5.6268



Tritanopia

38.7241, -12.7586, -6.0679

Trichromacy



Original Color

38.5850, -13.4778, -4.7526

Protanomaly

38.2538, -5.9923, -3.0979

Deuteranomaly

38.2657, -4.1895, -5.5288

Tritanomaly

38.6913, -12.9478, -5.6060

Monochromacy



Original Color

38.5850, -13.4778, -4.7526

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

36.5639, -6.8761, -0.5953

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.5850, -13.4778, -4.7526 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(61, 116, 122)` looks like.

```
.text, #text, p{  
    color:rgb(61, 116, 122)  
}
```

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(61, 116, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 116, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 38.5850, -13.4778, -4.7526 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(61, 116, 122) }
```


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

```
.border{ border-color:rgb(61, 116, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 116, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 116, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 116, 122);  
box-shadow:4px 4px 4px 4px rgb(61, 116,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.5850, -13.4778, -4.7526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 116, 122) }
```

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

```
.background{ background-color: rgb(61, 116,  
122) }
```

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