

Converting Colors

HunterLab(38.0691, -16.9223,
-2.3435)

Have a look what the booklet for
HunterLab(38.0691, -16.9223,
-2.3435) contains.

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Color

**HunterLab(38.1941,
-16.8988, -2.4101)**

Conversions

Conversions Part 1

Format	Color
Hex	2F7574
RGB	47, 117, 116
RGB Percent	18%, 46%, 45%
CMY	0.8157, 0.5412, 0.5451
CMYK	0.60, 0.00, 0.01, 0.54
HSL	179°, 43%, 32%
HSV	179°, 60%, 46%
XYZ	10.6860, 14.5879, 18.7756
YIQ	95.9560, -41.3990, -15.1510

Conversions

Conversions Part 2

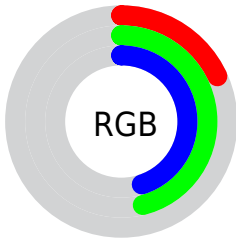
Format	Color
R_{YB}	47, 82, 117
Decimal	3110260
CIE _{Lab}	45.07, -21.89, -6.04
CIE _{LCh}	45, 22.705, 195.417
Yxy	14.5885, 0.2426, 0.3312
Android (android.graphics.Color)	4281300340 (0xFF2F7574)
YUV	95.9560, 9.8817, -42.9344
Hunter-Lab	38.1941, -16.8988, -2.4101

Details

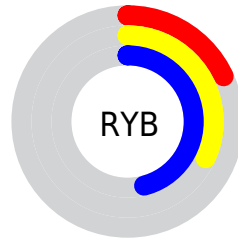
The HunterLab color **38.1941, -16.8988, -2.4101** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **24.5536, 21.6355, 8.7551**, and the grayscale version is **34.1608, -1.8227, 1.8560**.

A 20% lighter version of the original color is **58.2836, -20.4614, -2.1296**, and **21.3345, -11.3105, -2.2501** is the 20% darker color. If you saturate the color by 10%, you get **37.8719, -18.1642, -2.7696**, and if you desaturate by 10%, it is **38.6118, -15.2860, -1.9258**.

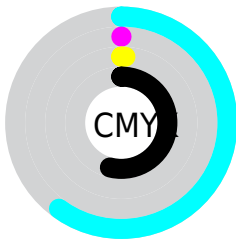
Distribution



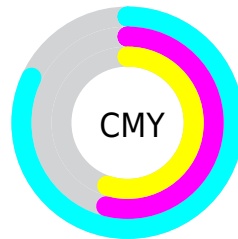
- Red (18%)
- Green (46%)
- Blue (45%)



- Red (18%)
- Yellow (32%)
- Blue (46%)



- Cyan (60%)
- Magenta (0%)
- Yellow (1%)
- Black (54%)



- Cyan (82%)
- Magenta (54%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.1941, -16.8988, -2.4101 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 38.1941, -16.8988, -2.4101 by changing the saturation by 10% instead.

■ 38.1941, -16.8988,
-2.4101

■ 38.1941, -16.8988,
-2.4101

148.6141,
-32.5191, 1.2635

■ 29.2080, -14.9219,
-2.5602

■ 58.4205, -20.6041,
-1.9203

■ 21.0632, -12.8102,
-2.6361

■ 69.5572, -22.3764,
-1.5943

■ 13.8588, -10.4885,
-2.6241

■ 81.3235, -24.1134,
-1.2203

■ 7.4884, -13.1047,
-2.9464

■ 93.6873, -25.8243,
-0.8018

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.6209,
-27.5156, -0.3419

0.0000, NaN, NaN

■ 120.1004,

0.0000, NaN, NaN

-29.1927, 0.1570

0.0000, NaN, NaN

134.1045,
-30.8594, 0.6928

■ 38.1941, -16.8988,
-2.4101

■ 38.1941, -16.8988,
-2.4101

■ 37.8719, -18.1642,
-2.7696

■ 38.6118, -15.2860,
-1.9258

■ 37.6372, -19.0939,
-3.0111

■ 39.1267, -13.3228,
-1.3168

■ 37.4831, -19.7117,
-3.1429

■ 39.7420, -11.0157,
-0.5837

■ 37.3762, -20.1451,
-3.2099

■ 40.4586, -8.3781,
0.2695

■ 37.3744, -20.1526,
-3.2111

■ 41.2765, -5.4291,
1.2369

■ 42.1943, -2.1922,
2.3110

■ 43.2101, 1.3067,
3.4833

■ 44.3211, 5.0402,
4.7447

■ 45.5239, 8.9811,
6.0860

Harmonies

Analogous

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



38.1948, -16.9521, 5.8814



38.1941, -16.8988, -2.4101



38.1948, -13.1128, -11.1173

Triad

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



38.1948, -16.8990, -2.4096



38.1948, 10.6526, -10.8991



38.1948, 2.2746, 14.5195

Complementary

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



38.1941, -16.8988, -2.4101



24.5536, 21.6355, 8.7551

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.



38.1948, 10.4583, 11.7851



38.1941, -16.8988, -2.4101



38.1948, 15.5818, -2.1595

Square

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



38.1948, -16.8990, -2.4096



38.1948, 2.5211, -16.7179



38.1948, 15.5076, 6.0814



38.1948, -6.3966, 14.4819

Rectangle

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



38.1941, -16.8988, -2.4101



38.1948, -8.7689, -15.4581



38.1948, 15.5076, 6.0814



38.1948, 5.1896, 13.9266

Sweetspot

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



38.1948, -16.8990, -2.4096



54.2808, -10.6975, 0.5282



36.8250, -25.1732, 17.9202



25.9112, -5.5529, 0.1152



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.



38.1948, -16.8990, -2.4096



50.5379, -24.8608, -3.8550



28.4627, -2.8393, -17.5698



20.3824, -2.5555, 0.6497



39.2293, -21.1545, -3.3668



86.5927, -46.7385, -7.3382

Inverse Universe

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



24.5536, 21.6355, 8.7551



29.4507, 36.0873, 13.8991



31.3812, 6.3996, 14.3673



19.2396, 0.5272, 1.5337



20.4222, 34.9925, 13.0507



45.0703, 77.2017, 28.9887

Previews

White Background



This preview shows how the HunterLab color 38.1941, -16.8988, -2.4101 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 38.1941, -16.8988, -2.4101 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

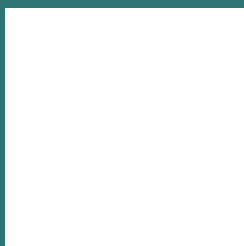
Any Text WCAG AAA × Fail

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

HunterLab 38.1941, -16.8988, -2.4101 Background



This preview shows how black text looks on a background with the HunterLab color 38.1941, -16.8988, -2.4101.



This preview shows how white text looks on a background with the HunterLab color 38.1941,

-16.8988, -2.4101.

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

38.1941, -16.8988, -2.4101

Protanopia

38.1287, -1.2883, 0.9745

Deuteranopia

37.8780, 2.5652, -3.9335



Tritanopia

38.3083, -14.3291, -6.6741

Trichromacy



Original Color

38.1941, -16.8988, -2.4101

Protanomaly

37.7532, -8.1638, -0.9536

Deuteranomaly

37.4958, -5.8109, -4.0988

Tritanomaly

38.1760, -15.0307, -5.3350

Monochromacy



Original Color

38.1941, -16.8988, -2.4101

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

35.3548, -8.6543, 0.1147

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.1941, -16.8988, -2.4101 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(47, 117, 116)` looks like.

```
.text, #text, p{  
    color:rgb(47, 117, 116)  
}
```

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(47, 117, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 117, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 38.1941, -16.8988, -2.4101 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(47, 117, 116) }
```


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

```
.border{ border-color:rgb(47, 117, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 117, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 117, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 117, 116);  
box-shadow:4px 4px 4px 4px rgb(47, 117,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.1941, -16.8988, -2.4101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 117, 116) }
```

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

```
.background{ background-color: rgb(47, 117,  
116) }
```

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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