

Converting Colors

HunterLab(42.4800, -3.9577,
1.3723)

Have a look what the booklet for
HunterLab(42.4800, -3.9577, 1.3723)
contains.

HunterLab(42.4976, -3.8191, 1.3293)	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(42.4976, -3.8191,
1.3293)**

Conversions

Conversions Part 1

Format	Color
Hex	717778
RGB	113, 119, 120
RGB Percent	44%, 47%, 47%
CMY	0.5569, 0.5333, 0.5294
CMYK	0.06, 0.01, 0.00, 0.53
HSL	189°, 3%, 46%
HSV	189°, 6%, 47%
XYZ	16.7971, 18.0605, 20.3700
YIQ	117.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

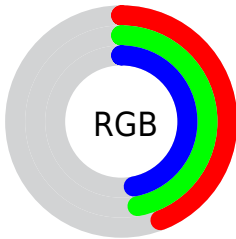
Format	Color
R_{YB}	113, 116, 120
Decimal	7436152
CIE _{Lab}	49.57, -2.04, -1.33
CIE _{LCh}	50, 2.438, 213.197
Yxy	18.0612, 0.3041, 0.3270
Android (android.graphics.Color)	4285626232 (0xFF717778)
YUV	117.3200, 1.3212, -3.7886
Hunter-Lab	42.4976, -3.8191, 1.3293

Details

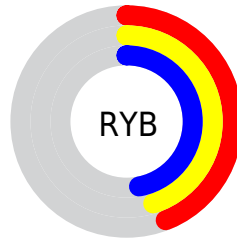
The HunterLab color $42.4976, -3.8191, 1.3293$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $41.4968, -0.5954, 3.2377$, and the grayscale version is $42.2974, -2.2569, 2.2981$.

A 20% lighter version of the original color is $63.3275, -5.0483, 2.3924$, and $24.6945, -2.7156, 0.4492$ is the 20% darker color. If you saturate the color by 10%, you get $41.1261, -6.2041, -0.3847$, and if you desaturate by 10%, it is $43.9562, -1.1862, 3.0964$.

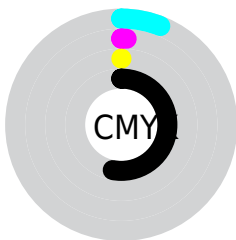
Distribution



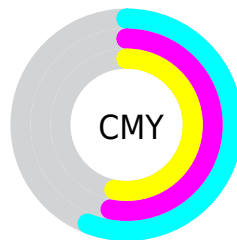
- Red (44%)
- Green (47%)
- Blue (47%)



- Red (44%)
- Yellow (45%)
- Blue (47%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (53%)



- Cyan (56%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.4976, -3.8191, 1.3293 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 42.4976, -3.8191, 1.3293 by changing the saturation by 10% instead.

■ 42.4976, -3.8191,
1.3293

■ 42.4976, -3.8191,
1.3293

155.3113,
-10.6930, 6.9497

■ 33.1571, -3.1961,
0.8977

■ 63.3574, -5.1578,
2.3285

■ 24.6227, -2.6033,
0.5163

■ 74.7820, -5.8699,
2.8878

■ 16.9802, -2.0417,
0.1928

■ 86.8212, -6.6095,
3.4837

■ 10.3494, -1.5099,
-0.0621

■ 99.4448, -7.3758,
4.1142

0.0000, NaN, -NF

0.0000, NaN, NaN

112.6272, -8.1681,
4.7775

0.0000, NaN, NaN

126.3455, -8.9855,

0.0000, NaN, NaN

140.5795, -9.8273,
6.1964

■ 42.4976, -3.8191,
1.3293

■ 42.4976, -3.8191,
1.3293

■ 41.1261, -6.2041,
-0.3847

■ 43.9562, -1.1862,
3.0964

■ 39.8427, -8.3142,
-2.0377

■ 45.4953, 1.6731,
4.9057

■ 38.6513, -10.1268,
-3.6186

■ 47.1117, 4.7347,
6.7499

■ 37.5545, -11.6208,
-5.1166

■ 48.8015, 7.9769,
8.6222

■ 36.5538, -12.7792,
-6.5216

■ 50.5605, 11.3796,
10.5168

■ 35.6495, -13.5907,
-7.8242

■ 52.3851, 14.9248,
12.4289

■ 34.8399, -14.0527,
-9.0178

■ 54.2713, 18.5961,
14.3544

■ 34.1216, -14.1734,
-10.0993

■ 56.2157, 22.3794,
16.2903

■ 33.4807, -14.0022,
-11.0822

■ 58.2150, 26.2618,
18.2339

Harmonies

Analogous

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



42.4985, -4.1169, 2.2142



42.4976, -3.8191, 1.3293



42.4985, -3.1080, 0.6984

Triad

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



42.4985, -3.8200, 1.3300



42.4985, -0.5916, 1.5051



42.4985, -2.3739, 4.0476

Complementary

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



42.4976, -3.8191, 1.3293



41.4968, -0.5954, 3.2377

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.



42.4985, -1.4252, 3.8673



42.4976, -3.8191, 1.3293



42.4985, -0.3908, 2.4122

Square

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



42.4985, -3.8200, 1.3300



42.4985, -1.2435, 0.8011



42.4985, -0.6972, 3.2737



42.4985, -3.2867, 3.7719

Rectangle

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



42.4976, -3.8191, 1.3293



42.4985, -2.4907, 0.5128



42.4985, -0.6972, 3.2737



42.4985, -2.0486, 4.0383

Sweetspot

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



42.4985, -3.8200, 1.3300



57.0798, -3.7815, 2.6429



42.6115, -5.1987, 4.0425



27.8016, -1.8153, 1.3039



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.



42.4985, -3.8200, 1.3300



56.1111, -5.5091, 1.4552



41.5430, -2.2504, 0.1985



21.1499, -2.0893, 0.5402



34.6742, -14.5015, -12.0351



75.1018, -30.8548, -27.2641

Inverse Universe

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



41.3952, 0.7824, 0.5224



54.3172, 1.9867, 0.1353



42.4375, -2.1777, 4.2845



20.4645, 0.7752, 0.0357



23.2822, 44.4429, -20.3933



50.7554, 96.7346, -43.2832

Previews

White Background



This preview shows how the HunterLab color 42.4976, -3.8191, 1.3293 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 42.4976, -3.8191, 1.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

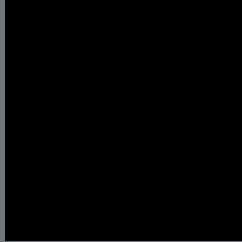
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

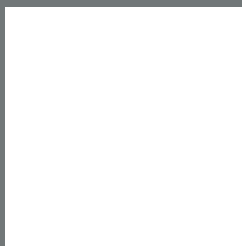
Any Text WCAG AAA × Fail

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

HunterLab 42.4976, -3.8191, 1.3293 Background



This preview shows how black text looks on a background with the HunterLab color 42.4976, -3.8191, 1.3293.



This preview shows how white text looks on a background with the HunterLab color 42.4976, -3.8191, 1.3293.

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

42.4976, -3.8191, 1.3293

Protanopia

42.3986, -1.3688, 1.6960

Deuteranopia

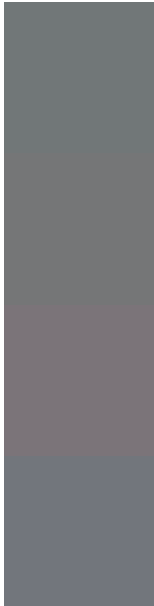
42.4315, 3.0260, 0.9229



Tritanopia

42.5048, -1.9473, -1.8506

Trichromacy



Original Color

42.4976, -3.8191, 1.3293

Protanomaly

42.5096, -2.4020, 1.8101

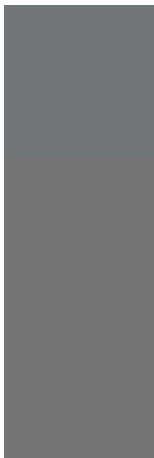
Deuteranomaly

42.5232, 0.5764, 0.9910

Tritanomaly

42.4140, -2.4444, -0.5634

Monochromacy



Original Color

42.4976, -3.8191, 1.3293

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

42.4003, -2.8394, 2.1103

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.4976, -3.8191, 1.3293 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(113, 119, 120)` looks like.

```
.text, #text, p{  
    color:rgb(113, 119, 120)  
}
```

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(113, 119, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 119, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 42.4976, -3.8191, 1.3293 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(113, 119, 120) }
```


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

```
.border{ border-color:rgb(113, 119, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 119, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 119, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 119, 120);  
box-shadow:4px 4px 4px 4px rgb(113, 119,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.4976, -3.8191, 1.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 119, 120) }
```

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

```
.background{ background-color: rgb(113,  
119, 120) }
```

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