

Converting Colors

HunterLab(46.8793, -6.9422,
-2.7768)

Have a look what the booklet for
HunterLab(46.8793, -6.9422,
-2.7768) contains.

HunterLab(47.0247, -7.1226, -2.4306)	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(47.0247, -7.1226,
-2.4306)**

Conversions

Conversions Part 1

Format	Color
Hex	70858C
RGB	112, 133, 140
RGB Percent	44%, 52%, 55%
CMY	0.5608, 0.4784, 0.4510
CMYK	0.20, 0.05, 0.00, 0.45
HSL	195°, 11%, 49%
HSV	195°, 20%, 55%
XYZ	19.8032, 22.1132, 28.0355
YIQ	127.5190, -14.7630, -2.2750

Conversions

Conversions Part 2

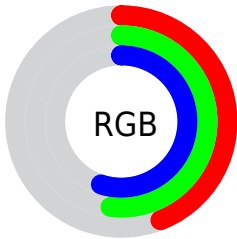
Format	Color
R_{YB}	112, 124, 140
Decimal	7374220
CIE _{Lab}	54.15, -5.94, -6.29
CIE _{LCh}	54, 8.655, 226.644
Yxy	22.1141, 0.2831, 0.3161
Android (android.graphics.Color)	4285564300 (0xFF70858C)
YUV	127.5190, 6.1531, -13.6102
Hunter-Lab	47.0247, -7.1226, -2.4306

Details

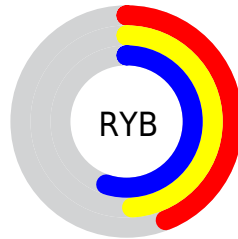
The HunterLab color $47.0247, -7.1226, -2.4306$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $44.6531, 3.1534, 7.2156$, and the grayscale version is $46.2537, -2.4680, 2.5130$.

A 20% lighter version of the original color is $68.4875, -8.8075, -2.1372$, and $28.5812, -5.4866, -2.5503$ is the 20% darker color. If you saturate the color by 10%, you get $45.0819, -8.8598, -5.0068$, and if you desaturate by 10%, it is $49.0706, -5.0708, 0.1698$.

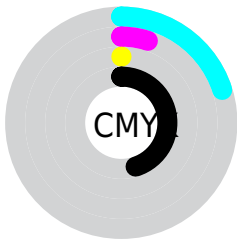
Distribution



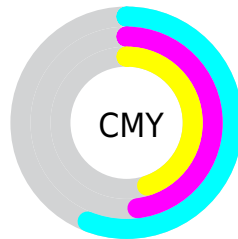
- Red (44%)
- Green (52%)
- Blue (55%)



- Red (44%)
- Yellow (49%)
- Blue (55%)



- Cyan (20%)
- Magenta (5%)
- Yellow (0%)
- Black (45%)



- Cyan (56%)
- Magenta (48%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.0247, -7.1226, -2.4306 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 47.0247, -7.1226, -2.4306 by changing the saturation by 10% instead.

■ 47.0247, -7.1226,
-2.4306

■ 47.0247, -7.1226,
-2.4306

162.2164,
-15.7099, 1.5054

■ 37.3374, -6.2505,
-2.6273

■ 68.5088, -8.9100,
-1.8633

■ 28.4244, -5.3867,
-2.7581

■ 80.2187, -9.8275,
-1.5044

■ 20.3614, -4.5251,
-2.8124

■ 92.5289, -10.7625,
-1.1004

■ 13.2495, -3.6523,
-2.7767

■ 105.4113,
-11.7154, -0.6542

■ 6.7764, -4.1827,
-3.4805

118.8417,
-12.6865, -0.1685

0.0000, NaN, NaN

0.0000, NaN, NaN

132.7984,

-13.6759, 0.3546

0.0000, NaN, NaN

147.2624,
-14.6838, 0.9131

0.0000, NaN, NaN

■ 47.0247, -7.1226,
-2.4306

■ 47.0247, -7.1226,
-2.4306

■ 45.0819, -8.8598,
-5.0068

■ 49.0706, -5.0708,
0.1698

■ 43.2449, -10.2494,
-7.5492

■ 51.2109, -2.7323,
2.7825

■ 41.5200, -11.2627,
-10.0430

■ 53.4408, -0.1369,
5.4006

■ 39.9116, -11.8734,
-12.4726

■ 55.7546, 2.6890,
8.0182

■ 38.4228, -12.0619,
-14.8214

■ 58.1472, 5.7209,
10.6313

■ 37.0545, -11.8193,
-17.0740

■ 60.6135, 8.9372,
13.2367

■ 35.8044, -11.1525,
-19.2189

■ 63.1490, 12.3182,
15.8326

■ 34.6389, -10.1880,
-21.3026

■ 65.7492, 15.8471,
18.4179

■ 34.6388, -10.1879,
-21.3027

■ 68.4103, 19.5086,
20.9921

Harmonies

Analogous

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



47.0257, -8.8974, 0.6545



47.0247, -7.1226, -2.4306



47.0257, -4.0839, -4.2330

Triad

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



47.0257, -7.1233, -2.4298



47.0257, 4.3415, 1.0292



47.0257, -4.4580, 8.3856

Complementary

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



47.0247, -7.1226, -2.4306



44.6531, 3.1534, 7.2156

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.



47.0257, -0.9186, 8.4695



47.0247, -7.1226, -2.4306



47.0257, 4.2340, 4.3884

Square

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



47.0257, -7.1233, -2.4298



47.0257, 2.5742, -2.1380



47.0257, 2.2848, 7.0562



47.0257, -7.3902, 6.8178

Rectangle

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



47.0247, -7.1226, -2.4306



47.0257, -1.7164, -4.3848



47.0257, 2.2848, 7.0562



47.0257, -3.3017, 8.5840

Sweetspot

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



47.0257, -7.1233, -2.4298



66.2415, -5.5733, 1.5676



48.4995, -13.6119, 8.4898



31.7225, -2.7566, 0.6603



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



47.0257, -7.1233, -2.4298



61.2600, -10.5517, -4.7729



43.1783, -0.8659, -7.4784



23.4105, -2.3199, 0.1873



32.7003, -9.6730, -19.9913



3.0695, -1.3322, -0.9608

Inverse Universe

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



43.4255, 9.6825, -3.3703



55.4987, 16.6450, -6.2392



48.3666, -3.2129, 10.9552



22.6008, 1.3704, -0.0334



24.2150, 45.2254, -13.4717



2.0321, 3.8925, -1.8847

Previews

White Background



This preview shows how the HunterLab color 47.0247, -7.1226, -2.4306 looks on a white 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

Black Background



This preview shows how the HunterLab color 47.0247, -7.1226, -2.4306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

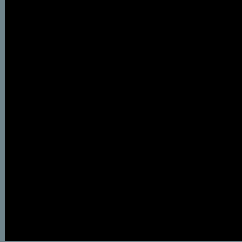
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

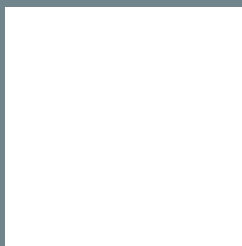
Any Text WCAG AAA × Fail

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

HunterLab 47.0247, -7.1226, -2.4306 Background



This preview shows how black text looks on a background with the HunterLab color 47.0247, -7.1226, -2.4306.



This preview shows how white text looks on a background with the HunterLab color 47.0247, -7.1226, -2.4306.

-2.4306.

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

47.0247, -7.1226, -2.4306

Protanopia

46.8098, -0.7405, -1.1458

Deuteranopia

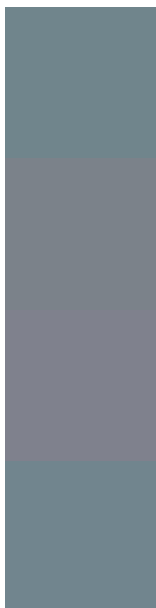
47.0201, 3.1177, -3.2410



Tritanopia

47.1900, -6.3426, -3.6826

Trichromacy



Original Color

47.0247, -7.1226, -2.4306

Protanomaly

46.9161, -3.2003, -1.5330

Deuteranomaly

47.0485, -1.1049, -2.7841

Tritanomaly

47.1580, -6.5205, -3.2305

Monochromacy



Original Color

47.0247, -7.1226, -2.4306

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

46.6570, -4.4701, 0.9311

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.0247, -7.1226, -2.4306 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(112, 133, 140)` looks like.

```
.text, #text, p{  
    color:rgb(112, 133, 140)  
}
```

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(112, 133, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 133, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 47.0247, -7.1226, -2.4306 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(112, 133, 140) }
```


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

```
.border{ border-color:rgb(112, 133, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 133, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 133, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 133, 140);  
box-shadow:4px 4px 4px 4px rgb(112, 133,  
140) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.0247, -7.1226, -2.4306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 133, 140) }
```

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

```
.background{ background-color: rgb(112,  
133, 140) }
```

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