

Converting Colors

HunterLab(41.3804, -2.5288,
-16.0563)

Have a look what the booklet for
HunterLab(41.3804, -2.5288,
-16.0563) contains.

HunterLab(41.4110, -2.7233, -15.8422)	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(41.4110, -2.7233,
-15.8422)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7596
RGB	91, 117, 150
RGB Percent	36%, 46%, 59%
CMY	0.6431, 0.5412, 0.4118
CMYK	0.39, 0.22, 0.00, 0.41
HSL	214°, 24%, 47%
HSV	214°, 39%, 59%
XYZ	16.1807, 17.1487, 31.3114
YIQ	112.9880, -26.0890, 4.7510

Conversions

Conversions Part 2

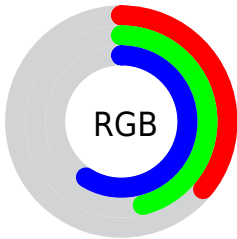
Format	Color
R _Y B	91, 109, 150
Decimal	5993878
CIE Lab	48.45, -0.68, -20.90
CIE LCh	48, 20.906, 268.147
Yxy	17.1494, 0.2503, 0.2653
Android (android.graphics.Color)	4284183958 (0xFF5B7596)
YUV	112.9880, 18.2469, -19.2835
Hunter-Lab	41.4110, -2.7233, -15.8422

Details

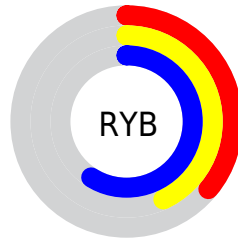
The HunterLab color $[41.4110, -2.7233, -15.8422]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[46.5350, 1.7015, 16.0933]$, and the grayscale version is $[40.5720, -2.1648, 2.2044]$.

A 20% lighter version of the original color is $[62.1089, -4.0353, -16.3333]$, and $[23.7245, -1.6812, -14.9109]$ is the 20% darker color. If you saturate the color by 10%, you get $[38.2013, -1.8415, -21.2761]$, and if you desaturate by 10%, it is $[44.7582, -3.2209, -10.6993]$.

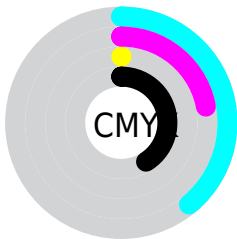
Distribution



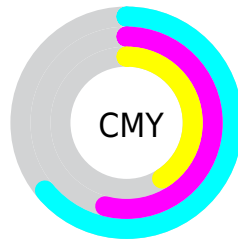
- Red (36%)
- Green (46%)
- Blue (59%)



- Red (36%)
- Yellow (43%)
- Blue (59%)



- Cyan (39%)
- Magenta (22%)
- Yellow (0%)
- Black (41%)



- Cyan (64%)
- Magenta (54%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.4110, -2.7233, -15.8422 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 41.4110, -2.7233, -15.8422 by changing the saturation by 10% instead.

■ 41.4110, -2.7233,
-15.8422

■ 41.4110, -2.7233,
-15.8422

■ 153.6332, -8.9990,
-16.8646

■ 32.1575, -2.1877,
-15.4264

■ 62.1147, -3.9037,
-16.4790

■ 23.7185, -1.6913,
-14.9591

■ 73.4683, -4.5440,
-16.7014

■ 16.1828, -1.2377,
-14.4794

■ 85.4400, -5.2155,
-16.8630

■ 9.6754, -0.8307,
-14.1278

■ 97.9994, -5.9169,
-16.9668

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 111.1203, -6.6470,
-17.0161

0.0000, NaN, NaN

■ 124.7794, -7.4047,

0.0000, NaN, NaN

-17.0137

0.0000, NaN, NaN

138.9565, -8.1890,
-16.9624

■ 41.4110, -2.7233,
-15.8422

■ 41.4110, -2.7233,
-15.8422

■ 38.2013, -1.8415,
-21.2761

■ 44.7582, -3.2209,
-10.6993

■ 35.1444, -0.5124,
-27.0317

■ 48.2256, -3.3886,
-5.8175

■ 32.2619, 1.3300,
-33.1251

■ 51.8011, -3.2736,
-1.1637

■ 29.5768, 3.7485,
-39.5512

■ 55.4742, -2.9160,
3.2926

■ 27.1138, 6.7878,
-46.2700

■ 59.2357, -2.3488,
7.5788

■ 24.8655, 10.3599,
-53.2982

■ 63.0782, -1.5999,
11.7189

■ 24.7194, 10.6050,
-53.7902

■ 66.9950, -0.6924,
15.7339

■ 70.9805, 0.3545,
19.6419

■ 75.0299, 1.5245,
23.4585

Harmonies

Analogous

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



41.4118, -10.2551, -12.7204



41.4110, -2.7233, -15.8422



41.4118, 5.5398, -13.3803

Triad

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



41.4118, -2.7236, -15.8414



41.4118, 12.7235, 8.7593



41.4118, -14.8426, 9.4531

Complementary

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



41.4110, -2.7233, -15.8422



46.5350, 1.7015, 16.0933

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.



41.4118, -9.4322, 13.4741



41.4110, -2.7233, -15.8422



41.4118, 6.4964, 13.1321

Square

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



41.4118, -2.7236, -15.8414



41.4118, 14.8648, 1.7632



41.4118, -1.6976, 14.6776



41.4118, -16.9035, 2.7392

Rectangle

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



41.4110, -2.7233, -15.8422



41.4118, 10.2782, -9.1308



41.4118, -1.6976, 14.6776



41.4118, -13.3772, 11.1113

Sweetspot

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



41.4118, -2.7236, -15.8414



67.4213, -4.4286, -3.3128



50.4763, -21.7640, 8.5369



31.4838, -2.0959, -1.8880



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



41.4118, -2.7236, -15.8414



51.3361, -2.6449, -27.2242



34.7301, 10.4453, -27.6760



24.5529, -1.5485, -0.5208



22.6494, 9.3642, -48.5245



3.4631, -0.6653, -2.8923

Inverse Universe

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



39.0526, 20.9252, -1.1214



48.0264, 34.7605, -1.8076



53.6433, -11.2310, 21.9181



24.1977, 1.1811, 0.8091



23.8982, 42.3218, 4.6248



2.7508, 5.0690, -0.9983

Previews

White Background



This preview shows how the HunterLab color 41.4110, -2.7233, -15.8422 looks on a white background.

Color Contrast Check

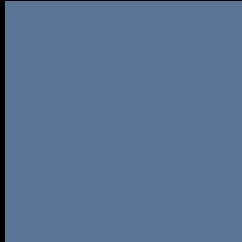
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.4110, -2.7233, -15.8422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

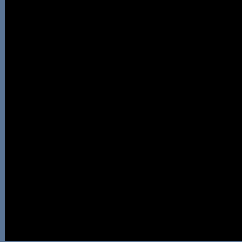
Any Text WCAG AA × Fail

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 41.4110, -2.7233, -15.8422 Background



This preview shows how black text looks on a background with the HunterLab color 41.4110, -2.7233, -15.8422.



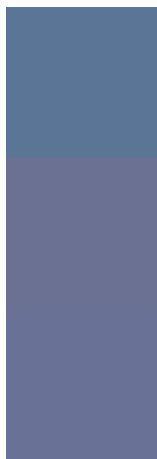
This preview shows how white text looks on a background with the HunterLab color 41.4110, -2.7233, -15.8422.

-15.8422.

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

41.4110, -2.7233, -15.8422

Protanopia

41.2080, 2.0246, -14.2886

Deuteranopia

41.3628, 2.8550, -16.4302



Tritanopia

41.5510, -9.5454, -4.6988

Trichromacy



Original Color

41.4110, -2.7233, -15.8422

Protanomaly

41.1576, 0.5297, -14.9898

Deuteranomaly

41.2743, 1.1607, -16.6043

Tritanomaly

41.6098, -7.3699, -8.2123

Monochromacy



Original Color

41.4110, -2.7233, -15.8422

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

40.6746, -2.6811, -3.7558

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.4110, -2.7233, -15.8422 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(91, 117, 150)` looks like.

```
.text, #text, p{  
    color:rgb(91, 117, 150)  
}
```

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(91, 117, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 117, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 41.4110, -2.7233, -15.8422 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(91, 117, 150) }
```


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

```
.border{ border-color:rgb(91, 117, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 117, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 117, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 117, 150);  
box-shadow:4px 4px 4px 4px rgb(91, 117,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.4110, -2.7233, -15.8422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 117, 150) }
```

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

```
.background{ background-color: rgb(91, 117,  
150) }
```

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