

Converting Colors

HunterLab(38.8850, 1.1986,
-13.0257)

Have a look what the booklet for
HunterLab(38.8850, 1.1986,
-13.0257) contains.

HunterLab(38.7713, 1.5014, -13.4360)	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(38.7713, 1.5014,
-13.4360)**

Conversions

Conversions Part 1

Format	Color
Hex	636B8B
RGB	99, 107, 139
RGB Percent	39%, 42%, 55%
CMY	0.6118, 0.5804, 0.4549
CMYK	0.29, 0.23, 0.00, 0.45
HSL	228°, 17%, 47%
HSV	228°, 29%, 55%
XYZ	15.0635, 15.0321, 26.5337
YIQ	108.2560, -15.0400, 8.2560

Conversions

Conversions Part 2

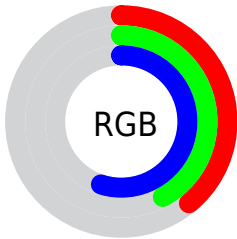
Format	Color
R_{YB}	99, 106, 139
Decimal	6515595
CIE _{Lab}	45.68, 4.73, -18.58
CIE _{LCh}	46, 19.172, 284.275
Yxy	15.0327, 0.2660, 0.2655
Android (android.graphics.Color)	4284705675 (0xFF636B8B)
YUV	108.2560, 15.1568, -8.1175
Hunter-Lab	38.7713, 1.5014, -13.4360

Details

The HunterLab color $38.7713, 1.5014, -13.4360$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $47.5632, -4.3642, 14.5165$, and the grayscale version is $38.7711, -2.0687, 2.1065$.

A 20% lighter version of the original color is $59.0621, 1.2563, -14.2310$, and $21.5796, 1.8097, -12.6382$ is the 20% darker color. If you saturate the color by 10%, you get $34.8489, 3.4914, -20.0228$, and if you desaturate by 10%, it is $42.8415, -0.1815, -7.4090$.

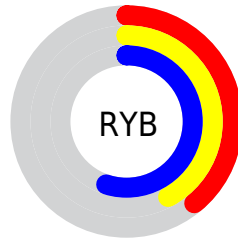
Distribution



 Red (39%)

 Green (42%)

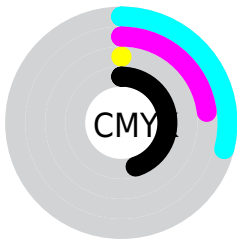
 Blue (55%)



 Red (39%)

 Yellow (42%)

 Blue (55%)

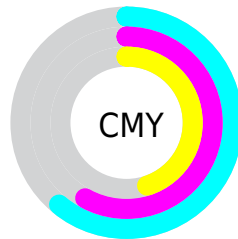


 Cyan (29%)

 Magenta (23%)

 Yellow (0%)

 Black (45%)



 Cyan (61%)

 Magenta (58%)

 Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.7713, 1.5014, -13.4360 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 38.7713, 1.5014, -13.4360 by changing the saturation by 10% instead.

■ 38.7713, 1.5014,
-13.4360

■ 38.7713, 1.5014,
-13.4360

■ 149.5207, -2.4434,
-13.9318

■ 29.7361, 1.6924,
-13.0690

■ 59.0852, 0.9367,
-13.9613

■ 21.5372, 1.8108,
-12.6416

■ 70.2616, 0.5768,
-14.1247

■ 14.2715, 1.8406,
-12.1870

■ 82.0654, 0.1710,
-14.2266

■ 7.9291, 2.1745,
-12.2823

■ 94.4649, -0.2772,
-14.2705

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 107.4327, -0.7649,
-14.2599

0.0000, NaN, NaN

■ 120.9450, -1.2898,

0.0000, NaN, NaN

-14.1981

0.0000, NaN, NaN

134.9806, -1.8499,
-14.0879

■ 38.7713, 1.5014,
-13.4360

■ 38.7713, 1.5014,
-13.4360

■ 34.8489, 3.4914,
-20.0228

■ 42.8415, -0.1815,
-7.4090

■ 31.0983, 5.8665,
-27.3044

■ 47.0375, -1.6169,
-1.8330

■ 27.5551, 8.7185,
-35.4259

■ 51.3448, -2.8532,
3.3823

■ 24.2669, 12.1464,
-44.5139

■ 55.7512, -3.9273,
8.3080

■ 21.2972, 16.2262,
-54.5940

■ 60.2472, -4.8683,
13.0006

■ 18.7284, 20.9377,
-65.4215

■ 64.8250, -5.6991,
17.5043

■ 16.6188, 25.9632,
-76.4497

■ 69.4780, -6.4377,
21.8548

■ 16.3868, 26.5594,
-77.8162

■ 74.2009, -7.0985,
26.0802

■ 78.9890, -7.6931,
30.2033

Harmonies

Analogous

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



38.7721, -5.8530, -13.3129



38.7713, 1.5014, -13.4360



38.7721, 8.3725, -8.8877

Triad

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



38.7721, 1.5009, -13.4352



38.7721, 8.6539, 10.4216



38.7721, -14.8406, 5.6032

Complementary

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



38.7713, 1.5014, -13.4360



47.5632, -4.3642, 14.5165

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.



38.7721, -11.5139, 10.6062



38.7713, 1.5014, -13.4360



38.7721, 1.8621, 13.0110

Square

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



38.7721, 1.5009, -13.4352



38.7721, 12.7074, 5.3023



38.7721, -5.5179, 13.0715



38.7721, -14.9213, -1.3782

Rectangle

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



38.7713, 1.5014, -13.4360



38.7721, 11.6009, -4.2376



38.7721, -5.5179, 13.0715



38.7721, -14.0767, 7.5388

Sweetspot

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



38.7721, 1.5009, -13.4352



62.7073, -2.0889, -2.7558



47.6853, -14.4594, 2.7252



29.7443, -0.8892, -1.7788



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.



38.7721, 1.5009, -13.4352



48.1954, 3.8201, -24.0479



37.5828, 8.2961, -15.2310



22.4585, -0.7510, -0.9736



15.6350, 25.0082, -73.5279



1.8254, 0.6206, -3.6212

Inverse Universe

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



39.3378, 11.7630, 3.4797



49.3288, 20.6475, 5.2226



48.9181, -11.3974, 15.6358



22.5031, 0.8451, 1.3584



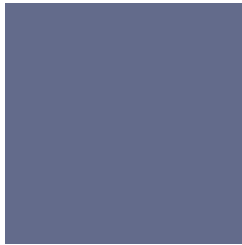
22.4299, 38.7548, 11.8347



1.8747, 3.3298, 0.2871

Previews

White Background



This preview shows how the HunterLab color 38.7713, 1.5014, -13.4360 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 38.7713, 1.5014, -13.4360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

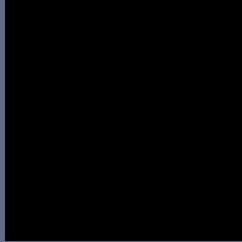
Any Text WCAG AA × Fail

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 38.7713, 1.5014, -13.4360 Background



This preview shows how black text looks on a background with the HunterLab color 38.7713, 1.5014, -13.4360.



This preview shows how white text looks on a background with the HunterLab color 38.7713, 1.5014, -13.4360.

-13.4360.

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

38.7713, 1.5014, -13.4360

Protanopia

38.8443, 1.7484, -13.3165

Deuteranopia

38.7259, 2.7234, -13.4864



Tritanopia

38.9020, -5.0630, -2.7169

Trichromacy



Original Color

38.7713, 1.5014, -13.4360

Protanomaly

38.8443, 1.7484, -13.3165

Deuteranomaly

38.6508, 2.4714, -13.6097

Tritanomaly

38.9166, -3.1298, -6.1467

Monochromacy



Original Color

38.7713, 1.5014, -13.4360

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

38.8076, -1.1359, -2.7711

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.7713, 1.5014, -13.4360 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(99, 107, 139)` looks like.

```
.text, #text, p{  
    color:rgb(99, 107, 139)  
}
```

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(99, 107, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 107, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 38.7713, 1.5014, -13.4360 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(99, 107, 139) }
```


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

```
.border{ border-color:rgb(99, 107, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 107, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 107, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 107, 139);  
box-shadow:4px 4px 4px 4px rgb(99, 107,  
139) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.7713, 1.5014, -13.4360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 107, 139) }
```

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

```
.background{ background-color: rgb(99, 107,  
139) }
```

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