

Converting Colors

HunterLab(47.0248, 5.1938,
-24.3453)

Have a look what the booklet for
HunterLab(47.0248, 5.1938,
-24.3453) contains.

HunterLab(46.8910, 5.3730, -24.2688)	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(46.8910, 5.3730,
-24.2688)**

Conversions

Conversions Part 1

Format	Color
Hex	767EB2
RGB	118, 126, 178
RGB Percent	46%, 49%, 70%
CMY	0.5372, 0.5059, 0.3020
CMYK	0.34, 0.29, 0.00, 0.30
HSL	232°, 28%, 58%
HSV	232°, 34%, 70%
XYZ	22.9680, 21.9877, 45.1531
YIQ	129.5360, -21.4600, 14.4760

Conversions

Conversions Part 2

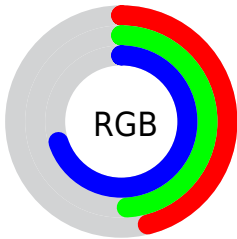
Format	Color
R _Y B	118, 125, 178
Decimal	7765682
CIE Lab	54.01, 9.65, -28.43
CIE LCh	54, 30.022, 288.747
Yxy	21.9885, 0.2549, 0.2440
Android (android.graphics.Color)	4285955762 (0xFF767EB2)
YUV	129.5360, 23.8928, -10.1171
Hunter-Lab	46.8910, 5.3730, -24.2688

Details

The HunterLab color $46.8910, 5.3730, -24.2688$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $62.8673, -7.7872, 22.4372$, and the grayscale version is $46.9804, -2.5068, 2.5525$.

A 20% lighter version of the original color is $68.5211, 5.0899, -25.0437$, and $28.2519, 5.3393, -23.2153$ is the 20% darker color. If you saturate the color by 10%, you get $41.4871, 8.9401, -34.4737$, and if you desaturate by 10%, it is $52.5440, 2.3040, -15.1099$.

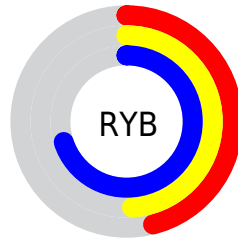
Distribution



Red (46%)

Green (49%)

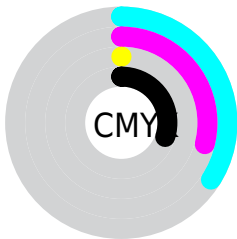
Blue (70%)



Red (46%)

Yellow (49%)

Blue (70%)

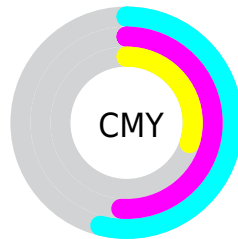


Cyan (34%)

Magenta (29%)

Yellow (0%)

Black (30%)



Cyan (54%)

Magenta (51%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.8910, 5.3730, -24.2688 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 46.8910, 5.3730, -24.2688 by changing the saturation by 10% instead.

■ 46.8910, 5.3730,
-24.2688

■ 46.8910, 5.3730,
-24.2688

162.0143, 3.0445,
-26.9608

■ 37.2135, 5.3438,
-23.7147

■ 68.3571, 5.2180,
-25.2436

■ 28.3114, 5.2301,
-23.1502

■ 80.0589, 5.0496,
-25.6506

■ 20.2602, 5.0152,
-22.6441

■ 92.3612, 4.8279,
-26.0015

■ 13.1618, 4.6750,
-22.3889

105.2362, 4.5571,
-26.2971

■ 6.6668, 5.9503,
-25.5094

118.6594, 4.2406,
-26.5388

0.0000, NaN, -NF

132.6093, 3.8813,

0.0000, NaN, -NF

-26.7287

0.0000, NaN, NaN

147.0667, 3.4819,
-26.8687

0.0000, NaN, NaN

■ 46.8910, 5.3730,
-24.2688

■ 46.8910, 5.3730,
-24.2688

■ 41.4871, 8.9401,
-34.4737

■ 52.5440, 2.3040,
-15.1099

■ 36.3836, 13.1400,
-45.9884

■ 58.4044, -0.3740,
-6.7766

■ 31.6567, 18.1177,
-59.0628

■ 64.4441, -2.7456,
0.9108

■ 27.4122, 23.9783,
-73.7904

■ 70.6411, -4.8750,
8.0915

■ 23.7935, 30.6478,
-89.7587

■ 76.9782, -6.8115,
14.8728

■ 20.9746, 37.6137,
-105.4794

■ 83.4419, -8.5927,
21.3376

■ 19.6386, 41.5927,
-114.3332

■ 90.0212, -10.2476,
27.5501

■ 96.1683, -13.7158,
33.0504

■ 97.9767, -16.5355,
34.5947

Harmonies

Analogous

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



46.8919, -7.0486, -25.4419



46.8910, 5.3730, -24.2688



46.8919, 16.7137, -14.9163

Triad

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



46.8919, 5.3726, -24.2677



46.8919, 14.2007, 16.5556



46.8919, -23.5929, 6.7496

Complementary

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



46.8910, 5.3730, -24.2688



62.8673, -7.7872, 22.4372

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.



46.8919, -19.0528, 15.1366



46.8910, 5.3730, -24.2688



46.8919, 2.2194, 19.7403

Square

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



46.8919, 5.3726, -24.2677



46.8919, 22.1633, 9.2465



46.8919, -9.8938, 19.2987



46.8919, -22.9364, -5.3020

Rectangle

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



46.8910, 5.3730, -24.2688



46.8919, 21.7385, -6.3951



46.8919, -9.8938, 19.2987



46.8919, -22.6444, 10.0238

Sweetspot

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



46.8919, 5.3726, -24.2677



81.4974, -1.6743, -5.3789



62.0947, -20.8348, 2.0565



37.8311, -0.5741, -3.2197



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



46.8919, 5.3726, -24.2677



58.0230, 10.5100, -42.1116



46.5414, 15.0582, -24.7152



28.9945, -0.6875, -1.5849



16.7764, 34.5562, -95.5658



3.8233, 3.4786, -12.2881

Inverse Universe

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



48.9173, 18.7753, 6.5461



61.6037, 31.8444, 10.0898



63.4960, -18.0795, 22.8045



29.1944, 1.1310, 1.9933



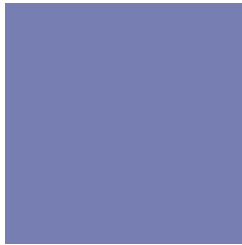
26.1233, 44.9357, 15.3389



4.6961, 8.2009, 1.8046

Previews

White Background



This preview shows how the HunterLab color 46.8910, 5.3730, -24.2688 looks on a white background.

Color Contrast Check

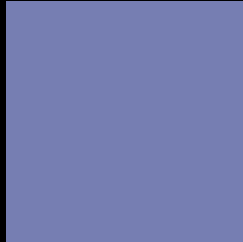
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.8910, 5.3730, -24.2688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

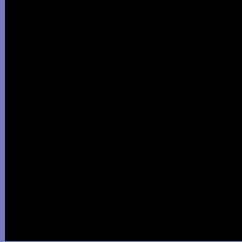
Any Text WCAG AA ✓ Pass

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 46.8910, 5.3730, -24.2688 Background



This preview shows how black text looks on a background with the HunterLab color 46.8910, 5.3730, -24.2688.



This preview shows how white text looks on a background with the HunterLab color 46.8910, 5.3730, -24.2688.

-24.2688.

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

46.8910, 5.3730, -24.2688

Protanopia

46.8446, 3.8953, -25.0447

Deuteranopia

46.8015, 3.6652, -24.4556



Tritanopia

46.9822, -7.0840, -3.9681

Trichromacy



Original Color

46.8910, 5.3730, -24.2688

Protanomaly

46.9875, 4.3723, -24.7841

Deuteranomaly

46.9446, 4.1433, -24.1964

Tritanomaly

46.7721, -2.4955, -11.0933

Monochromacy



Original Color

46.8910, 5.3730, -24.2688

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.1622, -0.3243, -5.6467

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.8910, 5.3730, -24.2688 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(118, 126, 178)` looks like.

```
.text, #text, p{  
    color:rgb(118, 126, 178)  
}
```

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(118, 126, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 126, 178) }
```

Border

The CSS property to change the border of an element to HunterLab 46.8910, 5.3730, -24.2688 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(118, 126, 178) }
```


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

```
.border{ border-color:rgb(118, 126, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 126, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 126, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 126, 178);  
box-shadow:4px 4px 4px 4px rgb(118, 126,  
178) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.8910, 5.3730, -24.2688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 126, 178) }
```

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

```
.background{ background-color: rgb(118,  
126, 178) }
```

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