

Converting Colors

HunterLab(46.8612, 4.1247,
-26.3629)

Have a look what the booklet for
HunterLab(46.8612, 4.1247,
-26.3629) contains.

HunterLab(46.8612, 4.1247, -26.3629)	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(46.8612, 4.1247,
-26.3629)**

Conversions

Conversions Part 1

Format	Color
Hex	707FB5
RGB	112, 127, 181
RGB Percent	44%, 50%, 71%
CMY	0.5608, 0.5020, 0.2902
CMYK	0.38, 0.30, 0.00, 0.29
HSL	227°, 32%, 57%
HSV	227°, 38%, 71%
XYZ	22.6120, 21.9597, 46.7630
YIQ	128.6710, -26.2740, 13.6140

Conversions

Conversions Part 2

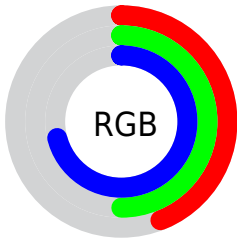
Format	Color
R_{YB}	112, 124, 181
Decimal	7372725
CIE _{Lab}	53.99, 8.16, -30.23
CIE _{LCh}	54, 31.314, 285.103
Yxy	21.9606, 0.2476, 0.2404
Android (android.graphics.Color)	4285562805 (0xFF707FB5)
YUV	128.6710, 25.7982, -14.6205
Hunter-Lab	46.8612, 4.1247, -26.3629

Details

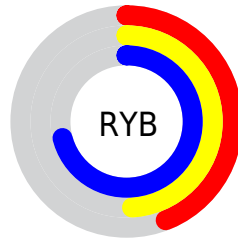
The HunterLab color $46.8612, 4.1247, -26.3629$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $61.8601, -5.4793, 23.3288$, and the grayscale version is $46.6345, -2.4883, 2.5337$.

A 20% lighter version of the original color is $68.4572, 3.6196, -27.1452$, and $28.2276, 4.2522, -25.4270$ is the 20% darker color. If you saturate the color by 10%, you get $41.8147, 7.2220, -36.0941$, and if you desaturate by 10%, it is $52.1435, 1.5597, -17.5501$.

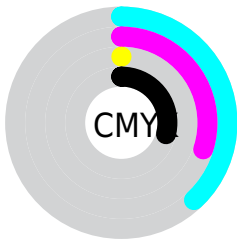
Distribution



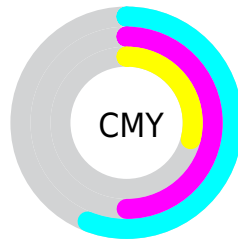
- Red (44%)
- Green (50%)
- Blue (71%)



- Red (44%)
- Yellow (49%)
- Blue (71%)



- Cyan (38%)
- Magenta (30%)
- Yellow (0%)
- Black (29%)



- Cyan (56%)
- Magenta (50%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.8612, 4.1247, -26.3629 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 46.8612, 4.1247, -26.3629 by changing the saturation by 10% instead.

■ 46.8612, 4.1247,
-26.3629

■ 46.8612, 4.1247,
-26.3629

■ 161.9692, 1.2190,
-29.4703

■ 37.1859, 4.1770,
-25.7818

■ 68.3233, 3.8210,
-27.4166

■ 28.2862, 4.1504,
-25.2077

■ 80.0232, 3.5838,
-27.8691

■ 20.2377, 4.0299,
-24.7258

■ 92.3239, 3.2963,
-28.2673

■ 13.1423, 3.7930,
-24.5698

■ 105.1972, 2.9624,
-28.6113

■ 6.6421, 4.9980,
-28.2392

■ 118.6188, 2.5852,
-28.9019

0.0000, NaN, -NF

132.5671, 2.1674,

0.0000, NaN, -NF

-29.1408

0.0000, NaN, NaN

147.0230, 1.7113,
-29.3297

0.0000, NaN, NaN

■ 46.8612, 4.1247,
-26.3629

■ 46.8612, 4.1247,
-26.3629

■ 41.8147, 7.2220,
-36.0941

■ 52.1435, 1.5597,
-17.5501

■ 37.0490, 10.9806,
-46.9385

■ 57.6236, -0.5785,
-9.4834

■ 32.6289, 15.5385,
-59.0596

■ 63.2754, -2.3745,
-2.0146

■ 28.6401, 21.0044,
-72.4853

■ 69.0782, -3.8942,
4.9754

■ 25.1925, 27.3578,
-86.8834

■ 75.0155, -5.1888,
11.5811

■ 22.3939, 34.2349,
-101.3454

■ 81.0743, -6.2983,
17.8772

■ 21.9322, 35.4985,
-104.0444

■ 87.2439, -7.2542,
23.9231

■ 93.3317, -8.7279,
29.5863

■ 97.8731, -15.9309,
33.5473

Harmonies

Analogous

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



46.8621, -8.6997, -26.3962



46.8612, 4.1247, -26.3629



46.8621, 16.3575, -17.3047

Triad

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



46.8621, 4.1244, -26.3618



46.8621, 16.2848, 16.3561



46.8621, -24.1102, 8.2108

Complementary

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



46.8612, 4.1247, -26.3629



61.8601, -5.4793, 23.3288

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.



46.8621, -18.7840, 16.3161



46.8612, 4.1247, -26.3629



46.8621, 4.0335, 20.0811

Square

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



46.8621, 4.1244, -26.3618



46.8621, 23.8770, 8.2822



46.8621, -8.7813, 20.0687



46.8621, -24.0915, -4.0105

Rectangle

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



46.8612, 4.1247, -26.3629



46.8621, 22.1366, -8.4873



46.8621, -8.7813, 20.0687



46.8621, -22.9132, 11.4224

Sweetspot

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



46.8621, 4.1244, -26.3618



82.3397, -2.4843, -5.6835



62.6147, -24.0839, 4.4987



37.8114, -1.0100, -3.2533



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.



46.8621, 4.1244, -26.3618



56.8520, 9.0570, -46.4617



44.3880, 16.4322, -30.7537



29.1887, -1.0148, -1.3417



18.4449, 28.6981, -85.0055



4.3898, 2.1208, -10.0651

Inverse Universe

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



47.9012, 23.0529, 5.0666



59.0746, 39.2219, 8.0678



64.7785, -18.3743, 25.5633



29.2139, 1.2361, 1.7146



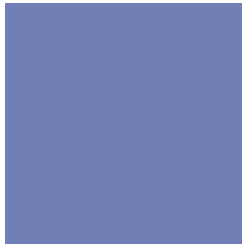
26.2366, 45.3550, 13.6659



4.7459, 8.3834, 1.0825

Previews

White Background



This preview shows how the HunterLab color 46.8612, 4.1247, -26.3629 looks on a white background.

Color Contrast Check

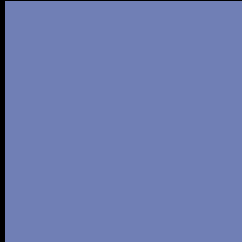
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.8612, 4.1247, -26.3629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

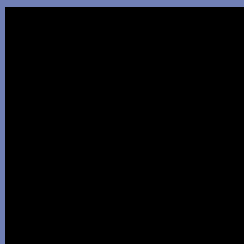
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

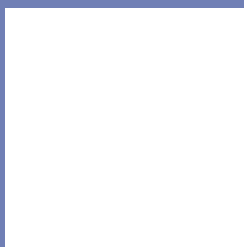
Any Text WCAG AAA × Fail

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

HunterLab 46.8612, 4.1247, -26.3629 Background



This preview shows how black text looks on a background with the HunterLab color 46.8612, 4.1247, -26.3629.



This preview shows how white text looks on a background with the HunterLab color 46.8612, 4.1247, -26.3629.

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

46.8612, 4.1247, -26.3629

Protanopia

46.8612, 4.1247, -26.3629

Deuteranopia

46.7915, 3.8921, -26.4922



Tritanopia

46.8808, -8.8247, -5.1455

Trichromacy



Original Color

46.8612, 4.1247, -26.3629

Protanomaly

46.8612, 4.1247, -26.3629

Deuteranomaly

46.7915, 3.8921, -26.4922

Tritanomaly

46.6534, -4.2351, -12.4360

Monochromacy



Original Color

46.8612, 4.1247, -26.3629

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

46.6770, -0.4871, -6.8341

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.8612, 4.1247, -26.3629 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, 127, 181)` looks like.

```
.text, #text, p{  
    color:rgb(112, 127, 181)  
}
```

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, 127, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 127, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 46.8612, 4.1247, -26.3629 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, 127, 181) }
```


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

```
.border{ border-color:rgb(112, 127, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 127, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 127, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 127, 181);  
box-shadow:4px 4px 4px 4px rgb(112, 127,  
181) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.8612, 4.1247, -26.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 127, 181) }
```

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

```
.background{ background-color: rgb(112,  
127, 181) }
```

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