

Converting Colors

HunterLab(46.3960, -3.9406,
-31.5533)

Have a look what the booklet for
HunterLab(46.3960, -3.9406,
-31.5533) contains.

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Color

**HunterLab(46.4610, -3.9972,
-31.4363)**

Conversions

Conversions Part 1

Format	Color
Hex	4B84BB
RGB	75, 132, 187
RGB Percent	29%, 52%, 73%
CMY	0.7059, 0.4823, 0.2667
CMYK	0.60, 0.29, 0.00, 0.27
HSL	209°, 45%, 51%
HSV	209°, 60%, 73%
XYZ	20.1226, 21.5862, 50.1197
YIQ	121.2270, -51.6270, 5.0210

Conversions

Conversions Part 2

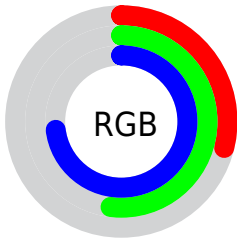
Format	Color
R_{YB}	75, 113, 187
Decimal	4949179
CIE _{Lab}	53.59, -1.93, -34.45
CIE _{LCh}	54, 34.502, 266.786
Yxy	21.5870, 0.2191, 0.2351
Android (android.graphics.Color)	4283139259 (0xFF4B84BB)
YUV	121.2270, 32.4261, -40.5411
Hunter-Lab	46.4610, -3.9972, -31.4363

Details

The HunterLab color $46.4610, -3.9972, -31.4363$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $51.9996, 11.1146, 24.6454$, and the grayscale version is $43.7083, -2.3322, 2.3748$.

A 20% lighter version of the original color is $67.8782, -5.5980, -32.3373$, and $28.0713, -2.5344, -29.6156$ is the 20% darker color. If you saturate the color by 10%, you get $43.0795, -2.1393, -38.1974$, and if you desaturate by 10%, it is $50.0564, -5.1964, -24.9330$.

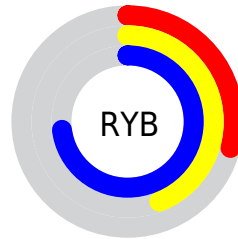
Distribution



Red (29%)

Green (52%)

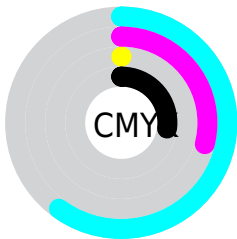
Blue (73%)



Red (29%)

Yellow (44%)

Blue (73%)

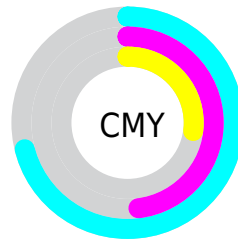


Cyan (60%)

Magenta (29%)

Yellow (0%)

Black (27%)



Cyan (71%)

Magenta (48%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.4610, -3.9972, -31.4363 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 46.4610, -3.9972, -31.4363 by changing the saturation by 10% instead.

■ 46.4610, -3.9972,
-31.4363

■ 46.4610, -3.9972,
-31.4363

161.3635,
-10.9219, -35.4454

■ 36.8154, -3.3671,
-30.8164

■ 67.8693, -5.3469,
-32.6444

■ 27.9481, -2.7686,
-30.2563

■ 79.5446, -6.0650,
-33.1935

■ 19.9355, -2.2022,
-29.8915

■ 91.8218, -6.8105,
-33.6948

■ 12.8808, -1.6675,
-30.0830

■ 104.6728, -7.5827,
-34.1456

■ 6.3008, -1.6744,
-36.2465

■ 118.0729, -8.3806,
-34.5454

0.0000, NaN, -NF

0.0000, NaN, -NF

132.0006, -9.2036,

-34.8946

0.0000, NaN, NaN

146.4366,
-10.0509, -35.1941

0.0000, NaN, NaN

■ 46.4610, -3.9972,
-31.4363

■ 46.4610, -3.9972,
-31.4363

■ 43.0795, -2.1393,
-38.1974

■ 50.0564, -5.1964,
-24.9330

■ 39.9312, 0.4403,
-45.1938

■ 53.8422, -5.8101,
-18.6955

■ 37.0368, 3.7790,
-52.3742

■ 57.7998, -5.9097,
-12.7138

■ 34.3833, 7.7792,
-59.7476

■ 61.9121, -5.5613,
-6.9705

■ 34.3548, 7.8245,
-59.8315

■ 66.1640, -4.8238,
-1.4442

■ 70.5426, -3.7479,
3.8877

■ 75.0366, -2.3770,
9.0475

■ 79.6363, -0.7481,
14.0559

■ 84.3332, 1.1076,
18.9321

Harmonies

Analogous

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



46.4618, -16.4631, -24.7467



46.4610, -3.9972, -31.4363



46.4618, 10.4238, -27.0089

Triad

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



46.4618, -3.9970, -31.4353



46.4618, 24.3809, 12.7446



46.4618, -23.1199, 14.5880

Complementary

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



46.4610, -3.9972, -31.4363



51.9996, 11.1146, 24.6454

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.



46.4618, -14.1160, 20.2065



46.4610, -3.9972, -31.4363



46.4618, 13.3777, 19.3874

Square

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



46.4618, -3.9970, -31.4353



46.4618, 27.9167, 1.0546



46.4618, -0.9465, 21.6570



46.4618, -26.6413, 3.9567

Rectangle

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



46.4610, -3.9972, -31.4363



46.4618, 19.0519, -18.9076



46.4618, -0.9465, 21.6570



46.4618, -20.6911, 16.9877

Sweetspot

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



46.4618, -3.9970, -31.4353



83.7532, -7.3179, -8.1271



62.1496, -37.9812, 17.7726



38.5334, -3.5365, -4.8486



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



46.4618, -3.9970, -31.4353



56.2368, -1.8424, -54.1522



32.2086, 24.0872, -66.2760



31.6329, -2.2749, -0.5509



28.7696, 6.0058, -48.9242



6.7445, -0.6579, -7.0099

Inverse Universe

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



41.5498, 44.0338, -4.7776



50.4537, 70.2462, -4.9531



67.6957, -15.2606, 35.6156



31.0084, 1.7305, 0.7631



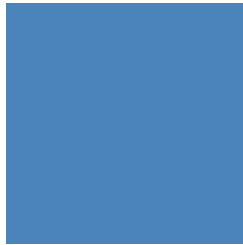
28.0451, 50.1175, 1.9250



5.6682, 10.3446, -1.2806

Previews

White Background



This preview shows how the HunterLab color 46.4610, -3.9972, -31.4363 looks on a white background.

Color Contrast Check

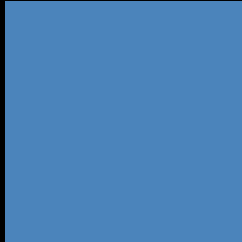
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.4610, -3.9972, -31.4363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

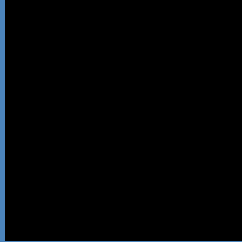
Any Text WCAG AA ✓ Pass

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 46.4610, -3.9972, -31.4363 Background



This preview shows how black text looks on a background with the HunterLab color 46.4610, -3.9972, -31.4363.

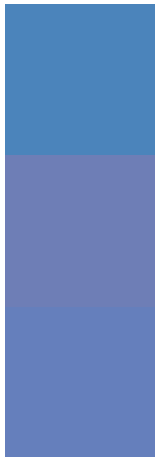


This preview shows how white text looks on a background with the HunterLab color 46.4610, -3.9972, -31.4363.

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

46.4610, -3.9972, -31.4363

Protanopia

46.4910, 4.3941, -27.7153

Deuteranopia

46.4503, 3.3820, -32.0465



Tritanopia

46.4726, -17.7926, -8.4875

Trichromacy



Original Color

46.4610, -3.9972, -31.4363

Protanomaly

46.3038, 1.0819, -29.5142

Deuteranomaly

46.4830, 0.6067, -32.0322

Tritanomaly

46.2347, -12.9811, -16.1722

Monochromacy



Original Color

46.4610, -3.9972, -31.4363

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

44.3335, -4.4928, -8.5859

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.4610, -3.9972, -31.4363 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(75, 132, 187)` looks like.

```
.text, #text, p{  
    color:rgb(75, 132, 187)  
}
```

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(75, 132, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 132, 187) }
```

Border

The CSS property to change the border of an element to HunterLab 46.4610, -3.9972, -31.4363 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(75, 132, 187) }
```


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

```
.border{ border-color:rgb(75, 132, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 132, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 132, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 132, 187);  
box-shadow:4px 4px 4px 4px rgb(75, 132,  
187) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.4610, -3.9972, -31.4363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 132, 187) }
```

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

```
.background{ background-color: rgb(75, 132,  
187) }
```

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](#).

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