

Converting Colors

HunterLab(41.9076, 0.7578,
-31.5440)

Have a look what the booklet for
HunterLab(41.9076, 0.7578,
-31.5440) contains.

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Color

**HunterLab(41.8607, 0.9714,
-31.6327)**

Conversions

Conversions Part 1

Format	Color
Hex	5075AF
RGB	80, 117, 175
RGB Percent	31%, 46%, 69%
CMY	0.6863, 0.5412, 0.3137
CMYK	0.54, 0.33, 0.00, 0.31
HSL	217°, 37%, 50%
HSV	217°, 54%, 69%
XYZ	17.4074, 17.5232, 43.0223
YIQ	112.5490, -40.6700, 10.1940

Conversions

Conversions Part 2

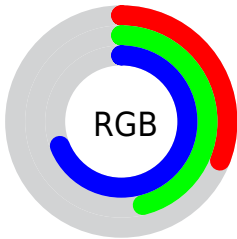
Format	Color
R _Y B	80, 107, 175
Decimal	5273007
CIE Lab	48.91, 4.15, -34.84
CIE LCh	49, 35.087, 276.793
Yxy	17.5238, 0.2233, 0.2248
Android (android.graphics.Color)	4283463087 (0xFF5075AF)
YUV	112.5490, 30.7883, -28.5455
Hunter-Lab	41.8607, 0.9714, -31.6327

Details

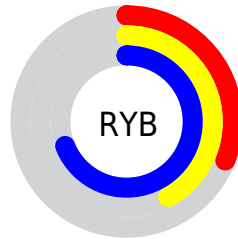
The HunterLab color $41.8607, 0.9714, -31.6327$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $52.7932, 3.0150, 24.0594$, and the grayscale version is $40.3611, -2.1536, 2.1929$.

A 20% lighter version of the original color is $62.6868, 0.2210, -32.8735$, and $24.0240, 1.4584, -30.6116$ is the 20% darker color. If you saturate the color by 10%, you get $38.0910, 3.3662, -39.5992$, and if you desaturate by 10%, it is $45.8486, -0.8131, -24.2106$.

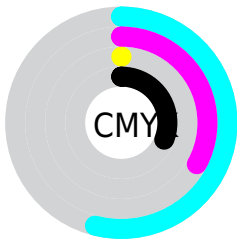
Distribution



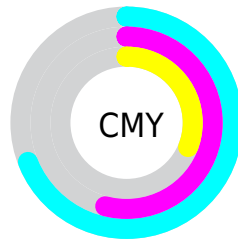
- Red (31%)
- Green (46%)
- Blue (69%)



- Red (31%)
- Yellow (42%)
- Blue (69%)



- Cyan (54%)
- Magenta (33%)
- Yellow (0%)
- Black (31%)



- Cyan (69%)
- Magenta (54%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.8607, 0.9714, -31.6327 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 41.8607, 0.9714, -31.6327 by changing the saturation by 10% instead.

■ 41.8607, 0.9714,
-31.6327

■ 41.8607, 0.9714,
-31.6327

■ 154.3286, -3.3303,
-35.8951

■ 32.5709, 1.2183,
-31.0302

■ 62.6292, 0.3106,
-32.8710

■ 24.0922, 1.3987,
-30.5440

■ 74.0123, -0.0927,
-33.4480

■ 16.5120, 1.5003,
-30.3905

■ 86.0120, -0.5393,
-33.9805

■ 9.9532, 1.5029,
-31.2048

■ 98.5982, -1.0261,
-34.4641

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 111.7445, -1.5506,
-34.8971

0.0000, NaN, NaN

125.4283, -2.1106,

0.0000, NaN, NaN

-35.2794

0.0000, NaN, NaN

139.6290, -2.7044,
-35.6117

■ 41.8607, 0.9714,
-31.6327

■ 41.8607, 0.9714,
-31.6327

■ 38.0910, 3.3662,
-39.5992

■ 45.8486, -0.8131,
-24.2106

■ 34.5717, 6.4646,
-48.1399

■ 50.0238, -2.0791,
-17.2825

■ 31.3432, 10.3447,
-57.2260

■ 54.3634, -2.9072,
-10.7856

■ 28.4475, 15.0322,
-66.7379

■ 58.8482, -3.3664,
-4.6593

■ 26.9226, 17.9564,
-72.4138

■ 63.4621, -3.5139,
1.1522

■ 68.1923, -3.3964,
6.6973

■ 73.0279, -3.0527,
12.0179

■ 77.9596, -2.5141,
17.1493

■ 82.9800, -1.8065,
22.1213

Harmonies

Analogous

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



41.8614, -12.2528, -28.4590



41.8607, 0.9714, -31.6327



41.8614, 14.9986, -23.6128

Triad

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



41.8614, 0.9716, -31.6317



41.8614, 21.3812, 14.8219



41.8614, -24.0711, 11.1079

Complementary

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



41.8607, 0.9714, -31.6327



52.7932, 3.0150, 24.0594

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.



41.8614, -17.0665, 17.9502



41.8607, 0.9714, -31.6327



41.8614, 8.8216, 19.5544

Square

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



41.8614, 0.9716, -31.6317



41.8614, 27.7361, 5.1748



41.8614, -5.3495, 20.4755



41.8614, -25.6004, -0.8405

Rectangle

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



41.8607, 0.9714, -31.6327



41.8614, 22.5472, -14.1680



41.8614, -5.3495, 20.4755



41.8614, -22.3277, 13.9453

Sweetspot

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



41.8614, 0.9716, -31.6317



77.5437, -4.4182, -7.8335



58.4569, -31.5973, 11.4627



35.9851, -2.0334, -4.4616



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



41.8614, 0.9716, -31.6317



50.0827, 5.1934, -55.0390



33.1391, 21.5919, -51.7648



28.7222, -1.6330, -0.8107



23.0281, 14.6160, -60.3347



5.0566, 0.0173, -6.3577

Inverse Universe

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



40.1701, 35.2791, 0.5294



48.7649, 57.4073, 2.3314



62.6838, -17.4345, 31.1409



28.3991, 1.3992, 1.1042



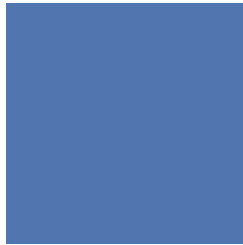
26.1503, 45.9746, 7.6619



4.4850, 8.1175, -0.4872

Previews

White Background



This preview shows how the HunterLab color 41.8607, 0.9714, -31.6327 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 41.8607, 0.9714, -31.6327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

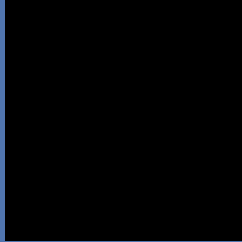
Any Text WCAG AA ✓ Pass

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 41.8607, 0.9714, -31.6327 Background



This preview shows how black text looks on a background with the HunterLab color 41.8607, 0.9714, -31.6327.

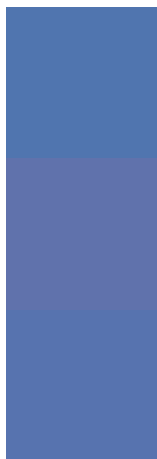


This preview shows how white text looks on a background with the HunterLab color 41.8607, 0.9714, -31.6327.

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

41.8607, 0.9714, -31.6327

Protanopia

41.8330, 4.8248, -29.4552

Deuteranopia

41.6927, 3.2412, -31.9279



Tritanopia

41.8812, -14.1058, -6.8895

Trichromacy



Original Color

41.8607, 0.9714, -31.6327

Protanomaly

41.7759, 3.3326, -30.3094

Deuteranomaly

41.7980, 2.1832, -31.7363

Tritanomaly

41.7411, -8.9427, -15.4210

Monochromacy



Original Color

41.8607, 0.9714, -31.6327

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

40.7172, -1.8664, -8.8602

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.8607, 0.9714, -31.6327 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(80, 117, 175)` looks like.

```
.text, #text, p{  
    color:rgb(80, 117, 175)  
}
```

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(80, 117, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 117, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 41.8607, 0.9714, -31.6327 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(80, 117, 175) }
```


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

```
.border{ border-color:rgb(80, 117, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 117, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 117, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 117, 175);  
box-shadow:4px 4px 4px 4px rgb(80, 117,  
175) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.8607, 0.9714, -31.6327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 117, 175) }
```

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

```
.background{ background-color: rgb(80, 117,  
175) }
```

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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