

Converting Colors

HunterLab(41.4606, -3.0899,
-22.7290)

Have a look what the booklet for
HunterLab(41.4606, -3.0899,
-22.7290) contains.

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Color

**HunterLab(41.4636, -3.0967,
-22.7191)**

Conversions

Conversions Part 1

Format	Color
Hex	4F76A1
RGB	79, 118, 161
RGB Percent	31%, 46%, 63%
CMY	0.6902, 0.5372, 0.3686
CMYK	0.51, 0.27, 0.00, 0.37
HSL	211°, 34%, 47%
HSV	211°, 51%, 63%
XYZ	16.1359, 17.1923, 36.1861
YIQ	111.2410, -37.0470, 5.1050

Conversions

Conversions Part 2

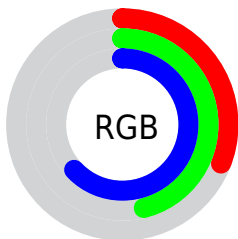
Format	Color
R_{YB}	79, 105, 161
Decimal	5207713
CIE _{Lab}	48.50, -1.17, -27.32
CIE _{LCh}	49, 27.349, 267.555
Yxy	17.1929, 0.2321, 0.2473
Android (android.graphics.Color)	4283397793 (0xFF4F76A1)
YUV	111.2410, 24.5312, -28.2754
Hunter-Lab	41.4636, -3.0967, -22.7191

Details

The HunterLab color $41.4636, -3.0967, -22.7191$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $46.9695, 5.4745, 19.6999$, and the grayscale version is $39.8822, -2.1280, 2.1669$.

A 20% lighter version of the original color is $62.2044, -4.2840, -23.6669$, and $23.7568, -2.0548, -21.5049$ is the 20% darker color. If you saturate the color by 10%, you get $38.3194, -1.8192, -28.5909$, and if you desaturate by 10%, it is $44.7743, -3.8801, -17.1282$.

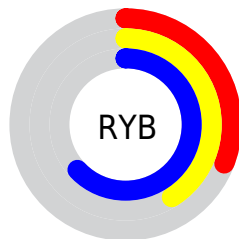
Distribution



Red (31%)

Green (46%)

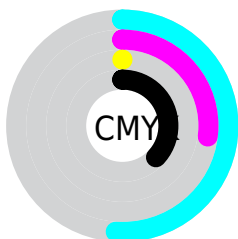
Blue (63%)



Red (31%)

Yellow (41%)

Blue (63%)

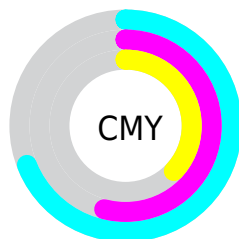


Cyan (51%)

Magenta (27%)

Yellow (0%)

Black (37%)



Cyan (69%)

Magenta (54%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.4636, -3.0967, -22.7191 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 41.4636, -3.0967, -22.7191 by changing the saturation by 10% instead.

■ 41.4636, -3.0967,
-22.7191

■ 41.4636, -3.0967,
-22.7191

■ 153.7146, -9.5786,
-25.4087

■ 32.2058, -2.5303,
-22.1685

■ 62.1749, -4.3314,
-23.6989

■ 23.7621, -2.0004,
-21.6242

■ 73.5319, -4.9965,
-24.1084

■ 16.2212, -1.5092,
-21.1904

■ 85.5069, -5.6916,
-24.4606

■ 9.7078, -1.0584,
-21.1933

■ 98.0695, -6.4154,
-24.7561

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 111.1933, -7.1669,
-24.9967

0.0000, NaN, NaN

124.8554, -7.9452,

0.0000, NaN, NaN

-25.1842

0.0000, NaN, NaN

139.0352, -8.7493,
-25.3208

■ 41.4636, -3.0967,
-22.7191

■ 41.4636, -3.0967,
-22.7191

■ 38.3194, -1.8192,
-28.5909

■ 44.7743, -3.8801,
-17.1282

■ 35.3594, 0.0182,
-34.7500

■ 48.2312, -4.2332,
-11.8040

■ 32.6059, 2.4746,
-41.1782

■ 51.8197, -4.2142,
-6.7220

■ 30.0799, 5.5862,
-47.8291

■ 55.5264, -3.8738,
-1.8566

■ 27.9667, 8.8663,
-54.0957

■ 59.3399, -3.2556,
2.8179

■ 63.2505, -2.3965,
7.3256

■ 67.2499, -1.3273,
11.6883

■ 71.3308, -0.0742,
15.9256

■ 75.4871, 1.3409,
20.0547

Harmonies

Analogous

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



41.4644, -12.7749, -18.1068



41.4636, -3.0967, -22.7191



41.4644, 7.8324, -19.3461

Triad

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



41.4644, -3.0967, -22.7182



41.4644, 17.8424, 10.3927



41.4644, -18.3200, 11.5156

Complementary

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



41.4636, -3.0967, -22.7191



46.9695, 5.4745, 19.6999

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.



41.4644, -11.3877, 16.2256



41.4636, -3.0967, -22.7191



41.4644, 9.5212, 15.7034

Square

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



41.4644, -3.0967, -22.7182



41.4644, 20.6317, 1.4055



41.4644, -1.3251, 17.5368



41.4644, -20.9842, 3.0908

Rectangle

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



41.4636, -3.0967, -22.7191



41.4644, 14.2435, -13.4054



41.4644, -1.3251, 17.5368



41.4644, -16.4488, 13.4954

Sweetspot

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



41.4644, -3.0967, -22.7182



72.1308, -5.4313, -5.2849



53.4246, -28.5291, 12.2136



33.3219, -2.5845, -3.0770



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



41.4644, -3.0967, -22.7182



50.7853, -2.1773, -39.2435



31.4442, 16.3232, -43.9169



27.1839, -1.8347, -0.5187



25.1541, 7.5981, -47.8425



4.7694, -0.8575, -4.1104

Inverse Universe

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



38.0495, 30.8245, -2.7227



46.3639, 50.5506, -3.3790



57.8709, -13.1189, 27.8509



26.7197, 1.3896, 0.7770



25.4615, 45.2973, 3.3226



3.8179, 7.0255, -1.3103

Previews

White Background



This preview shows how the HunterLab color 41.4636, -3.0967, -22.7191 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 41.4636, -3.0967, -22.7191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

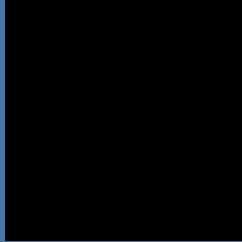
Any Text WCAG AA × Fail

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 41.4636, -3.0967, -22.7191 Background



This preview shows how black text looks on a background with the HunterLab color 41.4636, -3.0967, -22.7191.

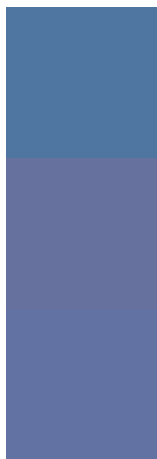


This preview shows how white text looks on a background with the HunterLab color 41.4636, -3.0967, -22.7191.

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

41.4636, -3.0967, -22.7191

Protanopia

41.3151, 3.1788, -20.2624

Deuteranopia

41.5210, 2.8976, -23.1751



Tritanopia

41.4264, -12.8515, -6.4573

Trichromacy



Original Color

41.4636, -3.0967, -22.7191

Protanomaly

41.3640, 0.6218, -20.8672

Deuteranomaly

41.3452, 0.8964, -23.5260

Tritanomaly

41.3212, -9.4891, -11.9913

Monochromacy



Original Color

41.4636, -3.0967, -22.7191

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

40.3389, -3.6632, -5.7335

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.4636, -3.0967, -22.7191 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(79, 118, 161)` looks like.

```
.text, #text, p{  
    color:rgb(79, 118, 161)  
}
```

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(79, 118, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 118, 161) }
```

Border

The CSS property to change the border of an element to HunterLab 41.4636, -3.0967, -22.7191 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(79, 118, 161) }
```


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

```
.border{ border-color:rgb(79, 118, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 118, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 118, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 118, 161);  
box-shadow:4px 4px 4px 4px rgb(79, 118,  
161) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.4636, -3.0967, -22.7191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 118, 161) }
```

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

```
.background{ background-color: rgb(79, 118,  
161) }
```

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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