

Converting Colors

HunterLab(38.9809, 4.5260,
-20.4331)

Have a look what the booklet for
HunterLab(38.9809, 4.5260,
-20.4331) contains.

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Color

**HunterLab(38.9809, 4.5260,
-20.4331)**

Conversions

Conversions Part 1

Format	Color
Hex	636A97
RGB	99, 106, 151
RGB Percent	39%, 42%, 59%
CMY	0.6118, 0.5843, 0.4078
CMYK	0.34, 0.30, 0.00, 0.41
HSL	232°, 21%, 49%
HSV	232°, 34%, 59%
XYZ	15.8856, 15.1951, 31.3739
YIQ	109.0370, -18.6170, 12.5110

Conversions

Conversions Part 2

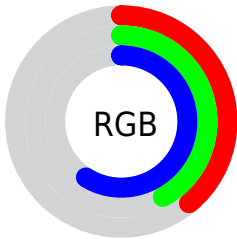
Format	Color
R_{YB}	99, 105, 151
Decimal	6515351
CIE _{Lab}	45.90, 8.61, -25.37
CIE _{LCh}	46, 26.793, 288.734
Yxy	15.1957, 0.2544, 0.2433
Android (android.graphics.Color)	4284705431 (0xFF636A97)
YUV	109.0370, 20.6878, -8.8024
Hunter-Lab	38.9809, 4.5260, -20.4331

Details

The HunterLab color $38.9809, 4.5260, -20.4331$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $52.3708, -6.4793, 18.7926$, and the grayscale version is $39.0494, -2.0836, 2.1216$.

A 20% lighter version of the original color is $59.2461, 4.2968, -21.2180$, and $21.7397, 4.4842, -19.4072$ is the 20% darker color. If you saturate the color by 10%, you get $34.5427, 7.4619, -28.8387$, and if you desaturate by 10%, it is $43.6221, 1.9972, -12.8798$.

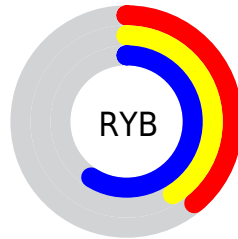
Distribution



Red (39%)

Green (42%)

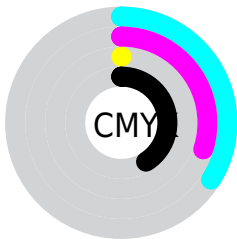
Blue (59%)



Red (39%)

Yellow (41%)

Blue (59%)

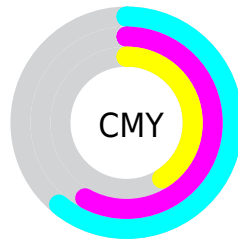


Cyan (34%)

Magenta (30%)

Yellow (0%)

Black (41%)



Cyan (61%)

Magenta (58%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.9809, 4.5260, -20.4331 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 38.9809, 4.5260, -20.4331 by changing the saturation by 10% instead.

■ 38.9809, 4.5260,
-20.4331

■ 38.9809, 4.5260,
-20.4331

■ 149.8491, 2.1530,
-22.7720

■ 29.9280, 4.4893,
-19.9067

■ 59.3263, 4.3729,
-21.3483

■ 21.7095, 4.3601,
-19.3792

■ 70.5170, 4.2013,
-21.7204

■ 14.4218, 4.1170,
-18.9582

■ 82.3344, 3.9747,
-22.0332

■ 8.0826, 4.2077,
-19.4662

■ 94.7468, 3.6977,
-22.2880

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 107.7269, 3.3740,
-22.4870

0.0000, NaN, NaN

■ 121.2510, 3.0070,

0.0000, NaN, NaN

-22.6324

0.0000, NaN, NaN

135.2980, 2.5992,
-22.7266

■ 38.9809, 4.5260,
-20.4331

■ 38.9809, 4.5260,
-20.4331

■ 34.5427, 7.4619,
-28.8387

■ 43.6221, 1.9972,
-12.8798

■ 30.3485, 10.9132,
-38.3079

■ 48.4325, -0.2111,
-6.0019

■ 26.4595, 14.9960,
-49.0400

■ 53.3893, -2.1672,
0.3460

■ 22.9598, 19.7959,
-61.1126

■ 58.4748, -3.9235,
6.2765

■ 19.9634, 25.2604,
-74.2116

■ 63.6749, -5.5202,
11.8773

■ 17.6073, 30.9967,
-87.1985

■ 68.9786, -6.9880,
17.2158

■ 16.5721, 33.9233,
-93.9442

■ 74.3769, -8.3510,
22.3450

■ 79.8624, -9.6277,
27.3059

■ 85.4289, -10.8330,
32.1312

Harmonies

Analogous

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



38.9816, -5.8984, -21.4178



38.9809, 4.5260, -20.4331



38.9816, 14.0526, -12.5625

Triad

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



38.9816, 4.5257, -20.4322



38.9816, 11.9482, 13.8488



38.9816, -19.7607, 5.6458

Complementary

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



38.9809, 4.5260, -20.4331



52.3708, -6.4793, 18.7926

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.



38.9816, -15.9560, 12.6667



38.9809, 4.5260, -20.4331



38.9816, 1.8871, 16.5087

Square

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



38.9816, 4.5257, -20.4322



38.9816, 18.6372, 7.7316



38.9816, -8.2770, 16.1415



38.9816, -19.2127, -4.4694

Rectangle

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



38.9809, 4.5260, -20.4331



38.9816, 18.2767, -5.3971



38.9816, -8.2770, 16.1415



38.9816, -18.9658, 8.3890

Sweetspot

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



38.9816, 4.5257, -20.4322



67.6011, -1.4279, -4.3568



51.7450, -17.4714, 1.7119



31.8211, -0.5169, -2.6061



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



38.9816, 4.5257, -20.4322



47.7506, 8.8979, -35.5254



38.6709, 12.6942, -20.8385



24.8069, -0.6111, -1.2855



15.3705, 30.9690, -86.0650



2.5628, 1.7611, -7.0049

Inverse Universe

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



40.6745, 15.8275, 5.4633



50.7565, 26.8573, 8.4177



52.9195, -15.1623, 19.1173



24.9711, 0.9128, 1.6924



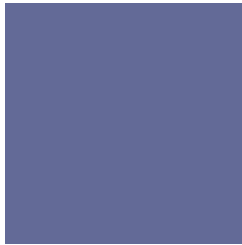
23.7567, 40.8802, 13.8302



2.9570, 5.1912, 0.9247

Previews

White Background



This preview shows how the HunterLab color 38.9809, 4.5260, -20.4331 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 38.9809, 4.5260, -20.4331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

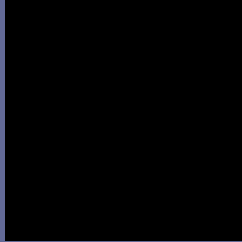
Any Text WCAG AA × Fail

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 38.9809, 4.5260, -20.4331 Background



This preview shows how black text looks on a background with the HunterLab color 38.9809, 4.5260, -20.4331.

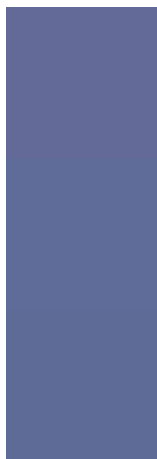


This preview shows how white text looks on a background with the HunterLab color 38.9809, 4.5260, -20.4331.

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

38.9809, 4.5260, -20.4331

Protanopia

39.0068, 3.3294, -21.0585

Deuteranopia

38.9649, 3.1058, -20.4860



Tritanopia

39.0437, -5.8804, -3.5137

Trichromacy



Original Color

38.9809, 4.5260, -20.4331

Protanomaly

39.0758, 3.5598, -20.9321

Deuteranomaly

39.0340, 3.3368, -20.3605

Tritanomaly

39.0521, -2.2468, -9.1182

Monochromacy



Original Color

38.9809, 4.5260, -20.4331

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

38.9662, -0.2728, -5.0086

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.9809, 4.5260, -20.4331 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(99, 106, 151)` looks like.

```
.text, #text, p{  
    color:rgb(99, 106, 151)  
}
```

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(99, 106, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 106, 151) }
```

Border

The CSS property to change the border of an element to HunterLab 38.9809, 4.5260, -20.4331 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(99, 106, 151) }
```


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

```
.border{ border-color:rgb(99, 106, 151) }
```

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

Here you see how a box with a 4 pixel rgb(99, 106, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 106, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 106, 151);  
box-shadow:4px 4px 4px 4px rgb(99, 106,  
151) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.9809, 4.5260, -20.4331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 106, 151) }
```

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

```
.background{ background-color: rgb(99, 106,  
151) }
```

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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