

Converting Colors

HunterLab(47.6830, 9.9784,
-38.3882)

Have a look what the booklet for
HunterLab(47.6830, 9.9784,
-38.3882) contains.

HunterLab(47.6830, 9.9784, -38.3882)	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(47.6830, 9.9784,
-38.3882)**

Conversions

Conversions Part 1

Format	Color
Hex	737EC8
RGB	115, 126, 200
RGB Percent	45%, 49%, 78%
CMY	0.5490, 0.5059, 0.2157
CMYK	0.42, 0.37, 0.00, 0.22
HSL	232°, 44%, 62%
HSV	232°, 42%, 78%
XYZ	24.9564, 22.7367, 57.7169
YIQ	131.1470, -30.3100, 20.6820

Conversions

Conversions Part 2

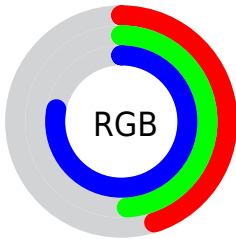
Format	Color
R_{YB}	115, 125, 200
Decimal	7569096
CIE _{Lab}	54.80, 15.00, -39.79
CIE _{LCh}	55, 42.525, 290.655
Yxy	22.7375, 0.2368, 0.2157
Android (android.graphics.Color)	4285759176 (0xFF737EC8)
YUV	131.1470, 33.9445, -14.1609
Hunter-Lab	47.6830, 9.9784, -38.3882

Details

The HunterLab color $47.6830, 9.9784, -38.3882$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $70.6495, -9.6575, 29.7521$, and the grayscale version is $47.5788, -2.5387, 2.5850$.

A 20% lighter version of the original color is $68.9977, 10.0237, -38.6053$, and $28.9399, 9.5955, -37.7128$ is the 20% darker color. If you saturate the color by 10%, you get $41.7771, 14.7795, -51.5491$, and if you desaturate by 10%, it is $53.9360, 5.8974, -26.7300$.

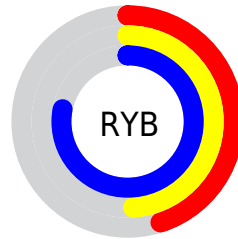
Distribution



Red (45%)

Green (49%)

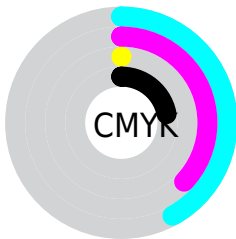
Blue (78%)



Red (45%)

Yellow (49%)

Blue (78%)

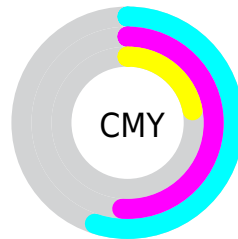


Cyan (42%)

Magenta (37%)

Yellow (0%)

Black (22%)



Cyan (55%)

Magenta (51%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.6830, 9.9784, -38.3882 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 47.6830, 9.9784, -38.3882 by changing the saturation by 10% instead.

■ 47.6830, 9.9784,
-38.3882

■ 47.6830, 9.9784,
-38.3882

163.2097, 9.6525,
-43.3060

■ 37.9471, 9.6727,
-37.7600

■ 69.2546, 10.3349,
-39.7206

■ 28.9815, 9.2649,
-37.2609

■ 81.0046, 10.4045,
-40.3617

■ 20.8602, 8.7360,
-37.0807

■ 93.3530, 10.4108,
-40.9662

■ 13.6823, 8.0599,
-37.7042

106.2719, 10.3593,
-41.5278

■ 7.2904, 8.5847,
-42.8283

119.7372, 10.2542,
-42.0433

0.0000, NaN, -NF

133.7277, 10.0994,

0.0000, NaN, -NF

-42.5116

0.0000, NaN, NaN

148.2242, 9.8979,
-42.9323

0.0000, NaN, NaN

■ 47.6830, 9.9784,
-38.3882

■ 47.6830, 9.9784,
-38.3882

■ 41.7771, 14.7795,
-51.5491

■ 53.9360, 5.8974,
-26.7300

■ 36.3026, 20.4708,
-66.5176

■ 60.4716, 2.3824,
-16.2722

■ 31.3829, 27.1798,
-83.4223

■ 67.2461, -0.6910,
-6.7543

■ 27.1851, 34.8308,
-101.8160

■ 74.2261, -3.4186,
2.0297

■ 23.9143, 42.8386,
-119.9912

■ 81.3867, -5.8738,
10.2392

■ 22.1441, 48.2413,
-131.8173

■ 88.7081, -8.1122,
17.9970

■ 96.1745, -10.1779,
25.3970

■ 98.4633, -13.8208,
27.5266

Harmonies

Analogous

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



47.6839, -7.9152, -41.3108



47.6830, 9.9784, -38.3882



47.6839, 26.5265, -22.6372

Triad

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



47.6839, 9.9784, -38.3870



47.6839, 20.8442, 21.3742



47.6839, -31.5392, 7.5297

Complementary

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



47.6830, 9.9784, -38.3882



70.6495, -9.6575, 29.7521

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.



47.6839, -25.9834, 18.8188



47.6830, 9.9784, -38.3882



47.6839, 3.0700, 24.6783

Square

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



47.6839, 9.9784, -38.3870



47.6839, 33.4041, 12.6062



47.6839, -13.8993, 23.9523



47.6839, -30.2454, -10.2040

Rectangle

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



47.6830, 9.9784, -38.3882



47.6839, 33.7422, -9.3386



47.6839, -13.8993, 23.9523



47.6839, -30.4450, 12.0701

Sweetspot

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



47.6839, 9.9784, -38.3870



87.8604, -0.6468, -9.7154



69.7235, -27.6135, 1.7007



39.7154, 0.1029, -5.7563

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.6839, 9.9784, -38.3870



55.5484, 18.9236, -66.4203



47.4963, 23.7671, -38.5294



32.4115, -0.7356, -1.8416



17.8667, 37.6602, -103.6293



4.7522, 5.3567, -17.5035

Inverse Universe

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



51.0374, 28.6068, 9.0187



61.5312, 47.3281, 14.1688



71.3888, -24.7246, 30.0849



32.6480, 1.3061, 2.2515



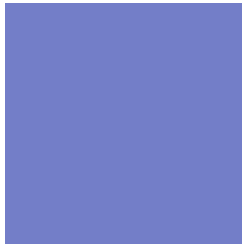
28.0397, 48.2135, 16.6097



6.1629, 10.7184, 2.7090

Previews

White Background



This preview shows how the HunterLab color 47.6830, 9.9784, -38.3882 looks on a white background.

Color Contrast Check

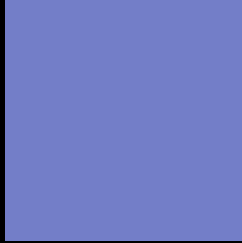
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.6830, 9.9784, -38.3882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

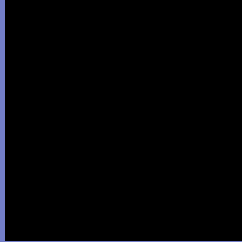
Any Text WCAG AA ✓ Pass

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 47.6830, 9.9784, -38.3882 Background



This preview shows how black text looks on a background with the HunterLab color 47.6830, 9.9784, -38.3882.



This preview shows how white text looks on a background with the HunterLab color 47.6830, 9.9784, -38.3882.

-38.3882.

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

47.6830, 9.9784, -38.3882

Protanopia

47.5875, 7.0786, -40.1711

Deuteranopia

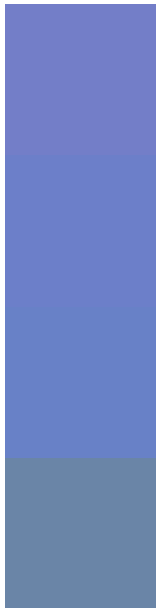
47.6293, 4.0767, -37.8410



Tritanopia

47.7453, -10.0619, -5.5471

Trichromacy



Original Color

47.6830, 9.9784, -38.3882

Protanomaly

47.5226, 8.1704, -39.5151

Deuteranomaly

47.7149, 5.7884, -37.6376

Tritanomaly

47.5702, -3.2987, -16.3115

Monochromacy



Original Color

47.6830, 9.9784, -38.3882

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

47.3928, 1.0850, -10.1259

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.6830, 9.9784, -38.3882 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(115, 126, 200)` looks like.

```
.text, #text, p{  
    color:rgb(115, 126, 200)  
}
```

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(115, 126, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 126, 200) }
```

Border

The CSS property to change the border of an element to HunterLab 47.6830, 9.9784, -38.3882 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(115, 126, 200) }
```


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

```
.border{ border-color:rgb(115, 126, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 126, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 126, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 126, 200);  
box-shadow:4px 4px 4px 4px rgb(115, 126,  
200) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.6830, 9.9784, -38.3882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 126, 200) }
```

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

```
.background{ background-color: rgb(115,  
126, 200) }
```

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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