

Converting Colors

HunterLab(44.4088, -0.6114,
-3.6420)

Have a look what the booklet for
HunterLab(44.4088, -0.6114,
-3.6420) contains.

HunterLab(44.3731, -0.6213, -3.7912)	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(44.3731, -0.6213,
-3.7912)**

Conversions

Conversions Part 1

Format	Color
Hex	787A88
RGB	120, 122, 136
RGB Percent	47%, 48%, 53%
CMY	0.5294, 0.5216, 0.4667
CMYK	0.12, 0.10, 0.00, 0.47
HSL	232°, 6%, 50%
HSV	232°, 12%, 53%
XYZ	19.1492, 19.6897, 26.0838
YIQ	122.9980, -5.6860, 3.9300

Conversions

Conversions Part 2

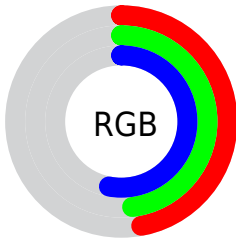
Format	Color
R_{YB}	120, 122, 136
Decimal	7895688
CIE Lab	51.49, 2.23, -7.86
CIE LCh	51, 8.171, 285.868
Yxy	19.6905, 0.2950, 0.3033
Android (android.graphics.Color)	4286085768 (0xFF787A88)
YUV	122.9980, 6.4100, -2.6292
Hunter-Lab	44.3731, -0.6213, -3.7912

Details

The HunterLab color $44.3731, -0.6213, -3.7912$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48.6213, -4.0682, 8.2203$, and the grayscale version is $44.4824, -2.3735, 2.4168$.

A 20% lighter version of the original color is $65.3582, -1.4876, -3.4268$, and $26.0318, 0.1172, -4.0094$ is the 20% darker color. If you saturate the color by 10%, you get $40.0510, 1.3217, -9.7796$, and if you desaturate by 10%, it is $48.8223, -2.3592, 1.7559$.

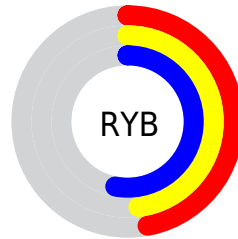
Distribution



Red (47%)

Green (48%)

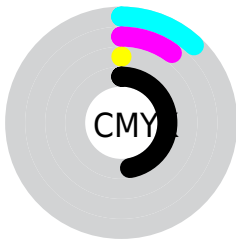
Blue (53%)



Red (47%)

Yellow (48%)

Blue (53%)

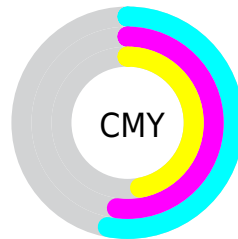


Cyan (12%)

Magenta (10%)

Yellow (0%)

Black (47%)



Cyan (53%)

Magenta (52%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 44.3731, -0.6213, -3.7912 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 44.3731, -0.6213, -3.7912 by changing the saturation by 10% instead.

■ 44.3731, -0.6213,
-3.7912

■ 44.3731, -0.6213,
-3.7912

■ 158.1881, -5.7906,
-0.5162

■ 34.8860, -0.2480,
-3.8947

■ 65.4964, -1.5116,
-3.3945

■ 26.1912, 0.0720,
-3.9261

■ 77.0412, -2.0190,
-3.1146

■ 18.3700, 0.3295,
-3.8738

■ 89.1945, -2.5644,
-2.7859

■ 11.5337, 0.5119,
-3.7251

■ 101.9271, -3.1453,
-2.4120

■ 4.0553, 2.1838,
-7.8127

■ 115.2137, -3.7600,
-1.9957

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 129.0323, -4.4067,

-1.5396

0.0000, NaN, NaN

143.3630, -5.0840,
-1.0458

0.0000, NaN, NaN

■ 44.3731, -0.6213,
-3.7912

■ 44.3731, -0.6213,
-3.7912

■ 40.0510, 1.3217,
-9.7796

■ 48.8223, -2.3592,
1.7559

■ 35.8724, 3.5282,
-16.3323

■ 53.3811, -3.9320,
6.9532

■ 31.8642, 6.0691,
-23.6005

■ 58.0388, -5.3733,
11.8742

■ 28.0613, 9.0338,
-31.7656

■ 62.7862, -6.7085,
16.5753

■ 24.5126, 12.5238,
-41.0159

■ 67.6157, -7.9571,
21.1004

■ 21.2866, 16.6267,
-51.4704

■ 72.5211, -9.1345,
25.4841

■ 18.4770, 21.3409,
-62.9842

■ 77.4972, -10.2530,
29.7534

■ 16.2034, 26.4206,
-74.7840

■ 82.5394, -11.3223,
33.9303

■ 14.7613, 30.3330,
-83.9306

■ 87.6439, -12.3503,
38.0322

Harmonies

Analogous

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



44.3740, -3.9084, -3.8443



44.3731, -0.6213, -3.7912



44.3740, 2.2756, -1.9956

Triad

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



44.3740, -0.6222, -3.7904



44.3740, 2.1343, 6.5321



44.3740, -8.3560, 3.8638

Complementary

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



44.3731, -0.6213, -3.7912



48.6213, -4.0682, 8.2203

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.



44.3740, -6.8321, 6.4154



44.3731, -0.6213, -3.7912



44.3740, -0.8105, 7.8781

Square

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



44.3740, -0.6222, -3.7904



44.3740, 3.8985, 4.0339



44.3740, -4.0913, 7.8370



44.3740, -8.3089, 0.7335

Rectangle

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



44.3731, -0.6213, -3.7912



44.3740, 3.5691, -0.1234



44.3740, -4.0913, 7.8370



44.3740, -8.0124, 4.8126

Sweetspot

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



44.3740, -0.6222, -3.7904



63.4268, -2.6176, 0.6664



48.2900, -7.4593, 1.9930



30.3289, -1.1861, 0.0838



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



44.3740, -0.6222, -3.7904



57.4329, -0.1993, -6.9893



44.3130, 1.9896, -3.8252



22.3308, -0.5356, -1.1332



14.3900, 29.3996, -81.4515



1.5820, 1.1655, -4.4934

Inverse Universe

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



44.8026, 2.8047, 3.2888



58.1430, 5.3225, 4.5678



48.7043, -6.7250, 8.2618



22.4903, 0.7759, 1.5416



22.3456, 38.4429, 13.0794



1.8523, 3.2475, 0.6117

Previews

White Background



This preview shows how the HunterLab color 44.3731, -0.6213, -3.7912 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 44.3731, -0.6213, -3.7912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

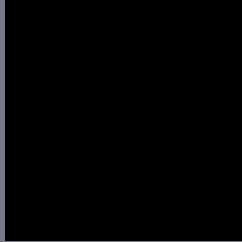
Any Text WCAG AA ✓ Pass

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 44.3731, -0.6213, -3.7912 Background



This preview shows how black text looks on a background with the HunterLab color 44.3731, -0.6213, -3.7912.



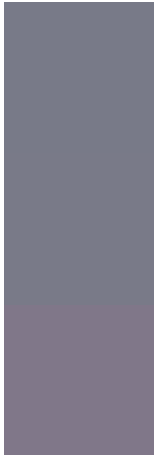
This preview shows how white text looks on a background with the HunterLab color 44.3731, -0.6213, -3.7912.

-3.7912.

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

44.3731, -0.6213, -3.7912

Protanopia

44.4540, -0.3432, -3.6798

Deuteranopia

44.2594, 3.2643, -4.3746



Tritanopia

44.4452, -2.0519, -1.7699

Trichromacy



Original Color

44.3731, -0.6213, -3.7912

Protanomaly

44.4540, -0.3432, -3.6798

Deuteranomaly

44.2708, 1.9132, -4.3831

Tritanomaly

44.4762, -1.8827, -2.2082

Monochromacy



Original Color

44.3731, -0.6213, -3.7912

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

44.5668, -1.8715, 0.2603

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 44.3731, -0.6213, -3.7912 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(120, 122, 136)` looks like.

```
.text, #text, p{  
    color:rgb(120, 122, 136)  
}
```

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(120, 122, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 122, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 44.3731, -0.6213, -3.7912 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(120, 122, 136) }
```


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

```
.border{ border-color:rgb(120, 122, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 122, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 122, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 122, 136);  
box-shadow:4px 4px 4px 4px rgb(120, 122,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 44.3731, -0.6213, -3.7912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 122, 136) }
```

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

```
.background{ background-color: rgb(120,  
122, 136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor