

Converting Colors

HunterLab(43.7651, 3.1200,
-17.4143)

Have a look what the booklet for
HunterLab(43.7651, 3.1200,
-17.4143) contains.

HunterLab(43.7511, 3.1442, -17.4364)	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(43.7511, 3.1442,
-17.4364)**

Conversions

Conversions Part 1

Format	Color
Hex	70779F
RGB	112, 119, 159
RGB Percent	44%, 47%, 62%
CMY	0.5608, 0.5333, 0.3765
CMYK	0.30, 0.25, 0.00, 0.38
HSL	231°, 20%, 53%
HSV	231°, 30%, 62%
XYZ	19.5369, 19.1416, 35.4659
YIQ	121.4670, -17.0120, 10.9560

Conversions

Conversions Part 2

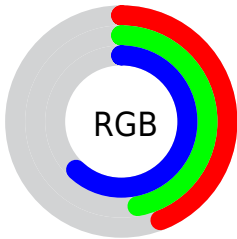
Format	Color
R_{YB}	112, 118, 159
Decimal	7370655
CIE _{Lab}	50.85, 6.92, -22.35
CIE _{LCh}	51, 23.393, 287.217
Yxy	19.1423, 0.2635, 0.2582
Android (android.graphics.Color)	4285560735 (0xFF70779F)
YUV	121.4670, 18.5038, -8.3026
Hunter-Lab	43.7511, 3.1442, -17.4364

Details

The HunterLab color $43.7511, 3.1442, -17.4364$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $55.6754, -6.2148, 17.8730$, and the grayscale version is $43.8441, -2.3394, 2.3821$.

A 20% lighter version of the original color is $64.7921, 2.9217, -18.2401$, and $25.6752, 2.9950, -16.2479$ is the 20% darker color. If you saturate the color by 10%, you get $38.9806, 5.9320, -25.7676$, and if you desaturate by 10%, it is $48.7162, 0.7404, -9.8891$.

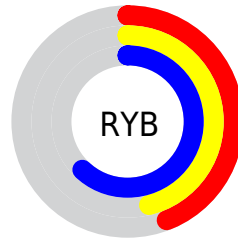
Distribution



Red (44%)

Green (47%)

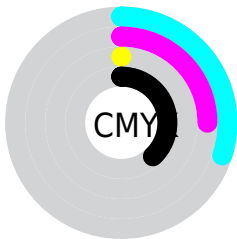
Blue (62%)



Red (44%)

Yellow (46%)

Blue (62%)

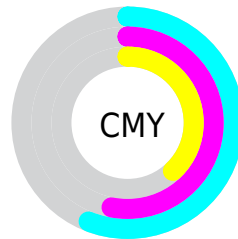


Cyan (30%)

Magenta (25%)

Yellow (0%)

Black (38%)



Cyan (56%)

Magenta (53%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 43.7511, 3.1442, -17.4364 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 43.7511, 3.1442, -17.4364 by changing the saturation by 10% instead.

■ 43.7511, 3.1442,
-17.4364

■ 43.7511, 3.1442,
-17.4364

■ 157.2366, -0.1177,
-18.7389

■ 34.3121, 3.2426,
-16.9963

■ 64.7877, 2.7522,
-18.1296

■ 25.6699, 3.2639,
-16.5092

■ 76.2930, 2.4731,
-18.3827

■ 17.9072, 3.1921,
-16.0134

■ 88.4087, 2.1451,
-18.5758

■ 11.1381, 3.0033,
-15.6376

■ 101.1055, 1.7719,
-18.7118

■ 3.0736, 9.6525,
-33.5073

■ 114.3578, 1.3566,
-18.7934

0.0000, NaN, -NF

0.0000, NaN, NaN

128.1433, 0.9018,

-18.8235

0.0000, NaN, NaN

142.4422, 0.4098,
-18.8045

0.0000, NaN, NaN

■ 43.7511, 3.1442,
-17.4364

■ 43.7511, 3.1442,
-17.4364

■ 38.9806, 5.9320,
-25.7676

■ 48.7162, 0.7404,
-9.8891

■ 34.4401, 9.2082,
-35.0856

■ 53.8450, -1.3597,
-2.9629

■ 30.1830, 13.0933,
-45.6052

■ 59.1173, -3.2195,
3.4744

■ 26.2825, 17.7051,
-57.4903

■ 64.5166, -4.8876,
9.5253

■ 22.8389, 23.0907,
-70.6747

■ 70.0300, -6.4011,
15.2694

■ 19.9824, 29.0730,
-84.5028

■ 75.6471, -7.7889,
20.7684

■ 17.8118, 34.9635,
-97.5973

■ 81.3594, -9.0734,
26.0708

■ 17.7299, 35.2004,
-98.1484

■ 87.1597, -10.2725,
31.2146

■ 93.0316, -11.4372,
36.2209

Harmonies

Analogous

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



43.7520, -6.2654, -17.9279



43.7511, 3.1442, -17.4364



43.7520, 11.7375, -10.9835

Triad

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



43.7520, 3.1437, -17.4355



43.7520, 10.6319, 13.2164



43.7520, -18.6080, 6.0183

Complementary

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



43.7511, 3.1442, -17.4364



55.6754, -6.2148, 17.8730

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.



43.7520, -14.8301, 12.5261



43.7511, 3.1442, -17.4364



43.7520, 1.7355, 16.0522

Square

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



43.7520, 3.1437, -17.4355



43.7520, 16.3050, 7.1721



43.7520, -7.5602, 15.8295



43.7520, -18.3005, -3.0206

Rectangle

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



43.7511, 3.1442, -17.4364



43.7520, 15.6095, -4.8151



43.7520, -7.5602, 15.8295



43.7520, -17.7881, 8.5314

Sweetspot

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



43.7520, 3.1437, -17.4355



72.3277, -1.9215, -3.6200



55.2330, -16.6905, 1.8770



33.8853, -0.7385, -2.3058



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.



43.7520, 3.1437, -17.4355



54.6178, 6.4163, -30.0010



43.2624, 11.0300, -18.1021



25.6649, -0.6757, -1.3079



15.8852, 30.8115, -86.3683



2.9124, 1.8359, -7.6035

Inverse Universe

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



45.0464, 13.9825, 5.0299



56.8922, 23.6803, 7.5436



56.3614, -14.4737, 18.3499



25.8098, 0.9717, 1.7100



24.2424, 41.7434, 13.9015



3.3029, 5.8075, 0.9622

Previews

White Background



This preview shows how the HunterLab color 43.7511, 3.1442, -17.4364 looks on a white background.

Color Contrast Check

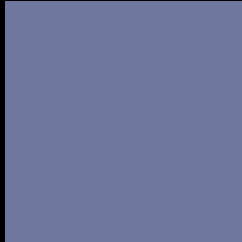
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.7511, 3.1442, -17.4364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

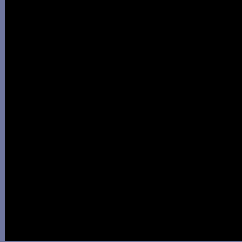
Any Text WCAG AA ✓ Pass

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 43.7511, 3.1442, -17.4364 Background



This preview shows how black text looks on a background with the HunterLab color 43.7511, 3.1442, -17.4364.



This preview shows how white text looks on a background with the HunterLab color 43.7511, 3.1442, -17.4364.

-17.4364.

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

43.7511, 3.1442, -17.4364

Protanopia

43.8761, 2.1611, -17.2499

Deuteranopia

43.7511, 3.1442, -17.4364



Tritanopia

43.8889, -5.3300, -3.5180

Trichromacy



Original Color

43.7511, 3.1442, -17.4364

Protanomaly

43.9496, 2.4089, -17.1262

Deuteranomaly

43.7511, 3.1442, -17.4364

Tritanomaly

43.7647, -2.2586, -8.2772

Monochromacy



Original Color

43.7511, 3.1442, -17.4364

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

43.6277, -0.4079, -4.2745

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 43.7511, 3.1442, -17.4364 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(112, 119, 159)` looks like.

```
.text, #text, p{  
    color:rgb(112, 119, 159)  
}
```

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(112, 119, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 119, 159) }
```

Border

The CSS property to change the border of an element to HunterLab 43.7511, 3.1442, -17.4364 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(112, 119, 159) }
```


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

```
.border{ border-color:rgb(112, 119, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 119, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 119, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 119, 159);  
box-shadow:4px 4px 4px 4px rgb(112, 119,  
159) }
```

Background

The CSS property to change the background color of an element to HunterLab 43.7511, 3.1442, -17.4364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 119, 159) }
```

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

```
.background{ background-color: rgb(112,  
119, 159) }
```

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