

Converting Colors

HunterLab(43.4751, 3.3012,
-15.4440)

Have a look what the booklet for
HunterLab(43.4751, 3.3012,
-15.4440) contains.

HunterLab(43.4751, 3.3012, -15.4440)	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(43.4751, 3.3012,
-15.4440)**

Conversions

Conversions Part 1	
Format	Color
Hex	72769B
RGB	114, 118, 155
RGB Percent	45%, 46%, 61%
CMY	0.5529, 0.5372, 0.3922
CMYK	0.26, 0.24, 0.00, 0.39
HSL	234°, 17%, 53%
HSV	234°, 26%, 61%
XYZ	19.3343, 18.9008, 33.6395
YIQ	121.0220, -14.2610, 10.6590

Conversions

Conversions Part 2

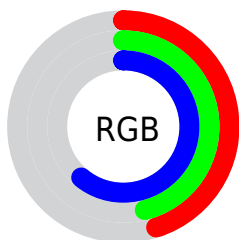
Format	Color
RYB	114, 118, 155
Decimal	7501467
CIELab	50.57, 7.11, -20.43
CIELCh	51, 21.630, 289.200
Yxy	18.9016, 0.2690, 0.2630
Android (android.graphics.Color)	4285691547 (0xFF72769B)
YUV	121.0220, 16.7512, -6.1583
Hunter-Lab	43.4751, 3.3012, -15.4440

Details

The HunterLab color $43.4751, 3.3012, -15.4440$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $55.0608, -6.8102, 16.6659$, and the grayscale version is $43.6770, -2.3305, 2.3731$.

A 20% lighter version of the original color is $64.5121, 3.1595, -16.2298$, and $25.5022, 3.4488, -14.6738$ is the 20% darker color. If you saturate the color by 10%, you get $38.5939, 6.2752, -23.7490$, and if you desaturate by 10%, it is $48.5520, 0.6814, -7.9396$.

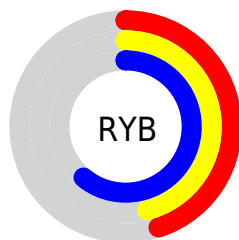
Distribution



Red (45%)

Green (46%)

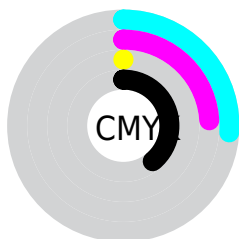
Blue (61%)



Red (45%)

Yellow (46%)

Blue (61%)

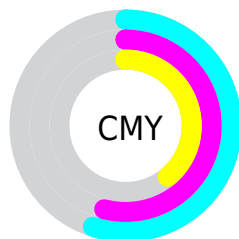


Cyan (26%)

Magenta (24%)

Yellow (0%)

Black (39%)



Cyan (55%)


Magenta (54%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 43.4751, 3.3012, -15.4440 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 43.4751, 3.3012, -15.4440 by changing the saturation by 10% instead.

 43.4751, 3.3012,
-15.4440


 43.4751, 3.3012,
-15.4440


156.8136, 0.1261,
-16.2274

 34.0576, 3.3868,
-15.0544

 64.4731, 2.9320,
-16.0237

 25.4389, 3.3940,
-14.6072


 75.9607, 2.6634,
-16.2178

 17.7025, 3.3066,
-14.1293

 88.0596, 2.3453,
-16.3518

 10.9634, 3.0998,
-13.7186

 100.7404, 1.9816,
-16.4288

 2.5162, 12.1847,
-35.9673

113.9774, 1.5753,
-16.4521

0.0000, NaN, -NF

0.0000, NaN, NaN

127.7482, 1.1292,

-16.4246

0.0000, NaN, NaN

142.0329, 0.6455,
-16.3489

0.0000, NaN, NaN

■ 43.4751, 3.3012,
-15.4440

■ 43.4751, 3.3012,
-15.4440

■ 38.5939, 6.2752,
-23.7490

■ 48.5520, 0.6814,
-7.9396

■ 33.9450, 9.7056,
-33.0782

■ 53.7935, -1.6614,
-1.0610

■ 29.5838, 13.7116,
-43.6801

■ 59.1791, -3.7880,
5.3308

■ 25.5883, 18.4090,
-55.7644

■ 64.6923, -5.7443,
11.3415

■ 22.0679, 23.8357,
-69.3012

■ 70.3202, -7.5651,
17.0521

■ 19.1689, 29.7754,
-83.5837

■ 76.0525, -9.2772,
22.5251

■ 17.0457, 35.4837,
-96.7398

■ 81.8806, -10.9013,
27.8087

■ 16.4674, 37.1848,
-100.8541

■ 87.7976, -12.4536,
32.9408

■ 93.7975, -13.9471,
37.9513

Harmonies

Analogous

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



43.4760, -5.4036, -16.2829



43.4751, 3.3012, -15.4440



43.4760, 11.0389, -9.3305

Triad

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



43.4760, 3.3006, -15.4431



43.4760, 9.1225, 12.7460



43.4760, -17.5235, 5.2359

Complementary

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



43.4751, 3.3012, -15.4440



55.0608, -6.8102, 16.6659

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.



43.4760, -14.2421, 11.5102



43.4751, 3.3012, -15.4440



43.4760, 0.8477, 15.2456

Square

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



43.4760, 3.3006, -15.4431



43.4760, 14.5781, 7.2681



43.4760, -7.6728, 14.8426



43.4760, -16.9796, -3.1819

Rectangle

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



43.4751, 3.3012, -15.4440



43.4760, 14.3955, -3.6534



43.4760, -7.6728, 14.8426



43.4760, -16.8421, 7.6324

Sweetspot

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



43.4760, 3.3006, -15.4431



70.7779, -1.7111, -2.9392



54.0848, -14.6505, 1.0206



33.1921, -0.6064, -2.0119



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



43.4760, 3.3006, -15.4431



54.1141, 6.8104, -27.3841



43.7942, 9.7755, -14.8263



24.7356, -0.4905, -1.3750



14.8543, 32.9460, -89.6875



2.3542, 2.2905, -7.8871

Inverse Universe

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



45.0686, 11.4537, 5.4226



56.8848, 20.1038, 8.2043



54.8749, -13.6044, 16.3744



24.9640, 0.8743, 1.7943



23.7235, 40.7573, 14.3213



2.9395, 5.1267, 1.1804

Previews

White Background



This preview shows how the HunterLab color 43.4751, 3.3012, -15.4440 looks on a white background.

Color Contrast Check

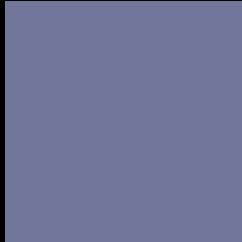
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.4751, 3.3012, -15.4440 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 43.4751, 3.3012, -15.4440 Background



This preview shows how black text looks on a background with the HunterLab color 43.4751, 3.3012, -15.4440.



This preview shows how white text looks on a background with the HunterLab color 43.4751, 3.3012, -15.4440.

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

43.4751, 3.3012, -15.4440

Protanopia

43.5585, 2.2608, -15.9316

Deuteranopia

43.4751, 3.3012, -15.4440



Tritanopia

43.4007, -4.2601, -3.1531

Trichromacy



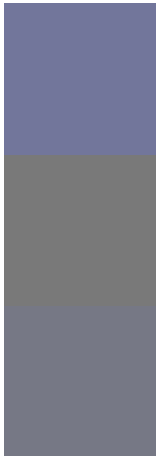
Original Color
43.4751, 3.3012, -15.4440

Protanomaly
43.6334, 2.5130, -15.8077

Deuteranomaly
43.4751, 3.3012, -15.4440

Tritanomaly
43.5290, -1.8438, -7.0045

Monochromacy



Original Color
43.4751, 3.3012, -15.4440

Achromatopsia
43.7266, -2.3331, 2.3758

Achromatomaly
43.5637, -0.7560, -3.3704

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 43.4751, 3.3012, -15.4440 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(114, 118, 155)` looks like.

```
.text, #text, p{  
    color:rgb(114, 118, 155)  
}
```

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(114, 118, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 118, 155) }
```

Border

The CSS property to change the border of an element to HunterLab 43.4751, 3.3012, -15.4440 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(114, 118, 155) }
```


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

```
.border{ border-color:rgb(114, 118, 155) }
```

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

Here you see how a box with a 4 pixel rgb(114, 118, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 118, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 118, 155);  
box-shadow:4px 4px 4px 4px rgb(114, 118,  
155) }
```

Background

The CSS property to change the background color of an element to HunterLab 43.4751, 3.3012, -15.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 118, 155) }
```

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

```
.background{ background-color: rgb(114,  
118, 155) }
```

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