

Converting Colors

HunterLab(37.3723, -4.7658,
-15.8060)

Have a look what the booklet for
HunterLab(37.3723, -4.7658,
-15.8060) contains.

HunterLab(37.3723, -4.7658, -15.8060)	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(37.3723, -4.7658,
-15.8060)

Conversions

Conversions Part 1

Format	Color
Hex	486C8B
RGB	72, 108, 139
RGB Percent	28%, 42%, 55%
CMY	0.7176, 0.5765, 0.4549
CMYK	0.48, 0.22, 0.00, 0.45
HSL	208°, 32%, 41%
HSV	208°, 48%, 55%
XYZ	12.6952, 13.9669, 26.4528
YIQ	100.7700, -31.4070, 2.0090

Conversions

Conversions Part 2

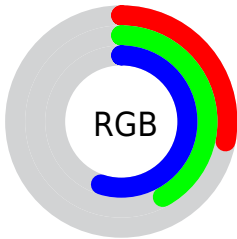
Format	Color
R _Y B	72, 95, 139
Decimal	4746379
CIE Lab	44.19, -3.83, -21.03
CIE LCh	44, 21.374, 259.667
Yxy	13.9674, 0.2390, 0.2630
Android (android.graphics.Color)	4282936459 (0xFF486C8B)
YUV	100.7700, 18.8474, -25.2313
Hunter-Lab	37.3723, -4.7658, -15.8060

Details

The HunterLab color $[37.3723, -4.7658, -15.8060]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[39.5699, 5.9410, 15.2998]$, and the grayscale version is $[35.9284, -1.9171, 1.9521]$.

A 20% lighter version of the original color is $[57.3861, -6.0653, -16.8711]$, and $[20.4630, -3.3486, -14.8335]$ is the 20% darker color. If you saturate the color by 10%, you get $[34.9073, -4.2233, -20.0522]$, and if you desaturate by 10%, it is $[39.9631, -4.9222, -11.7005]$.

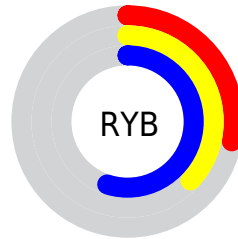
Distribution



Red (28%)

Green (42%)

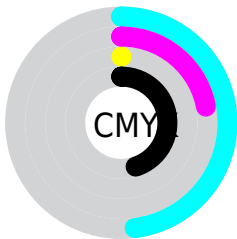
Blue (55%)



Red (28%)

Yellow (37%)

Blue (55%)

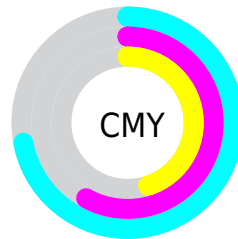


Cyan (48%)

Magenta (22%)

Yellow (0%)

Black (45%)



Cyan (72%)

Magenta (58%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.3723, -4.7658, -15.8060 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 37.3723, -4.7658, -15.8060 by changing the saturation by 10% instead.

37.3723, -4.7658,
-15.8060

37.3723, -4.7658,
-15.8060

147.3187,
-12.2829, -17.0821

28.4570, -4.0417,
-15.3624

57.4728, -6.2786,
-16.5062

20.3905, -3.3357,
-14.8798

68.5524, -7.0688,
-16.7597

13.2747, -2.6418,
-14.4262

80.2647, -7.8818,
-16.9510

6.8076, -2.8176,
-15.8640

92.5771, -8.7176,
-17.0833

0.0000, NaN, -NF

0.0000, NaN, NaN

105.4617, -9.5760,
-17.1597

0.0000, NaN, NaN

118.8941,

0.0000, NaN, NaN

-10.4565, -17.1831

0.0000, NaN, NaN

132.8528,
-11.3589, -17.1564

■ 37.3723, -4.7658,
-15.8060

■ 37.3723, -4.7658,
-15.8060

■ 34.9073, -4.2233,
-20.0522

■ 39.9631, -4.9222,
-11.7005

■ 32.5785, -3.2492,
-24.4360

■ 42.6662, -4.7366,
-7.7357

■ 30.3988, -1.8030,
-28.9412

■ 45.4718, -4.2502,
-3.9040

■ 28.3799, 0.1433,
-33.5403

■ 48.3709, -3.5001,
-0.1956

■ 26.5100, 2.5274,
-38.2503

■ 51.3552, -2.5187,
3.4003

■ 26.1800, 2.9702,
-39.1346

■ 54.4176, -1.3340,
6.8951

■ 57.5518, 0.0299,
10.2996

■ 60.7524, 1.5524,
13.6242

■ 64.0145, 3.2159,
16.8782

Harmonies

Analogous

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



37.3730, -11.6084, -11.2083



37.3723, -4.7658, -15.8060



37.3730, 3.4260, -14.9036

Triad

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



37.3730, -4.7659, -15.8053



37.3730, 13.9365, 6.7120



37.3730, -13.2084, 10.4544

Complementary

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



37.3723, -4.7658, -15.8060



39.5699, 5.9410, 15.2998

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.



37.3730, -7.1258, 13.5263



37.3723, -4.7658, -15.8060



37.3730, 8.6980, 11.7080

Square

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



37.3730, -4.7659, -15.8053



37.3730, 14.7054, -0.7399



37.3730, 0.8567, 13.9299



37.3730, -16.1983, 4.6109

Rectangle

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



37.3723, -4.7658, -15.8060



37.3730, 8.5432, -11.3576



37.3730, 0.8567, 13.9299



37.3730, -11.4832, 11.7871

Sweetspot

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



37.3730, -4.7659, -15.8053



62.3479, -5.3362, -3.2725



45.6131, -23.8182, 11.2987



29.5713, -2.6482, -2.0338



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



37.3730, -4.7659, -15.8053



46.3735, -5.5417, -27.4486



28.8480, 10.6063, -32.2407



23.0394, -1.7158, -0.2594



24.9409, 2.6950, -36.9917



2.6583, -0.7785, -1.6421

Inverse Universe

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



33.4767, 24.9800, -4.0624



40.8448, 41.4987, -6.0352



48.4428, -8.9705, 22.1889



22.5623, 1.1636, 0.5145



23.2641, 41.8096, -0.2320



1.9727, 3.6827, -1.0850

Previews

White Background



This preview shows how the HunterLab color 37.3723, -4.7658, -15.8060 looks on a white background.

Color Contrast Check

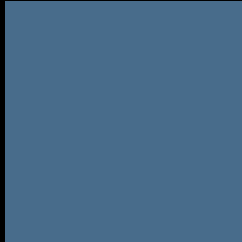
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.3723, -4.7658, -15.8060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

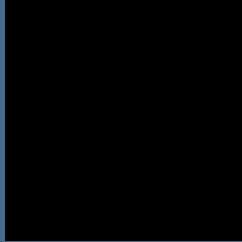
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

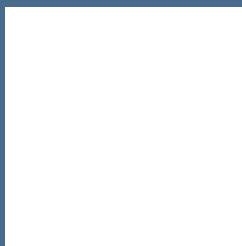
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 37.3723, -4.7658, -15.8060 Background



This preview shows how black text looks on a background with the HunterLab color 37.3723, -4.7658, -15.8060.



This preview shows how white text looks on a background with the HunterLab color 37.3723, -4.7658,

-15.8060.

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

37.3723, -4.7658, -15.8060

Protanopia

37.3317, 1.8361, -13.3683

Deuteranopia

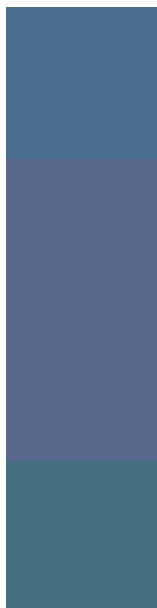
37.3813, 2.3891, -16.2763



Tritanopia

37.2602, -10.9687, -5.5078

Trichromacy



Original Color

37.3723, -4.7658, -15.8060

Protanomaly

37.2920, -0.9970, -14.0707

Deuteranomaly

37.3832, -0.3727, -16.3215

Tritanomaly

37.3003, -8.8518, -9.0864

Monochromacy



Original Color

37.3723, -4.7658, -15.8060

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

36.4857, -3.8639, -3.9425

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.3723, -4.7658, -15.8060 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(72, 108, 139)` looks like.

```
.text, #text, p{  
    color:rgb(72, 108, 139)  
}
```

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(72, 108, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 108, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 37.3723, -4.7658, -15.8060 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(72, 108, 139) }
```


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

```
.border{ border-color:rgb(72, 108, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 108, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 108, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 108, 139);  
box-shadow:4px 4px 4px 4px rgb(72, 108,  
139) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.3723, -4.7658, -15.8060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 108, 139) }
```

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

```
.background{ background-color: rgb(72, 108,  
139) }
```

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