

Converting Colors

HunterLab(16.7766, 8.2098,
-3.5714)

Have a look what the booklet for
HunterLab(16.7766, 8.2098, -3.5714)
contains.

HunterLab(16.7729, 8.3117, -3.6692)	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(16.7729, 8.3117,
-3.6692)**

Conversions

Conversions Part 1

Format	Color
Hex	3F273A
RGB	63, 39, 58
RGB Percent	25%, 15%, 23%
CMY	0.7529, 0.8471, 0.7725
CMYK	0.00, 0.38, 0.08, 0.75
HSL	313°, 24%, 20%
HSV	313°, 38%, 25%
XYZ	3.5392, 2.8133, 4.3595
YIQ	48.3420, 8.2050, 10.9970

Conversions

Conversions Part 2

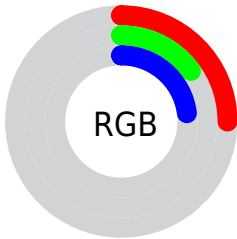
Format	Color
R_{YB}	63, 39, 58
Decimal	4138810
CIE Lab	19.28, 14.89, -7.59
CIE LCh	19, 16.717, 332.989
Yxy	2.8134, 0.3304, 0.2626
Android (android.graphics.Color)	4282328890 (0xFF3F273A)
YUV	48.3420, 4.7614, 12.8551
Hunter-Lab	16.7729, 8.3117, -3.6692

Details

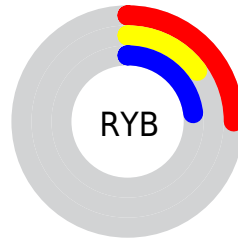
The HunterLab color **16.7729, 8.3117, -3.6692** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20.4164, -8.8969, 5.5043**, and the grayscale version is **17.2890, -0.9225, 0.9393**.

A 20% lighter version of the original color is **32.7721, 9.5110, -3.8183**, and **4.2803, 8.1359, -3.4802** is the 20% darker color. If you saturate the color by 10%, you get **15.5573, 10.8248, -4.8212**, and if you desaturate by 10%, it is **18.0989, 5.7792, -2.4408**.

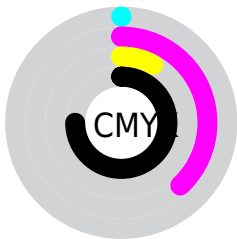
Distribution



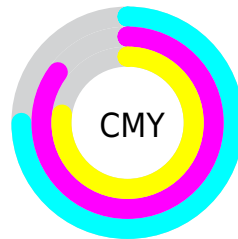
- Red (25%)
- Green (15%)
- Blue (23%)



- Red (25%)
- Yellow (15%)
- Blue (23%)



- Cyan (0%)
- Magenta (38%)
- Yellow (8%)
- Black (75%)



- Cyan (75%)
- Magenta (85%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.7729, 8.3117, -3.6692 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 16.7729, 8.3117, -3.6692 by changing the saturation by 10% instead.

■ 16.7729, 8.3117,
-3.6692

■ 16.7729, 8.3117,
-3.6692

■ 112.2378, 10.2000,
-1.8029

■ 10.1741, 7.5459,
-3.5110

■ 32.8982, 9.3770,
-3.6997

0.0000, INF, -NF

0.0000, NaN, NaN

■ 42.2172, 9.7314,
-3.5978

0.0000, NaN, NaN

■ 52.2803, 9.9906,
-3.4303

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.0360, 10.1667,
-3.2038

0.0000, NaN, NaN

■ 74.4424, 10.2690,
-2.9239

0.0000, NaN, NaN

■ 86.4641, 10.3049,

0.0000, NaN, NaN

-2.5948

99.0713, 10.2803,
-2.2202

16.7729, 8.3117,
-3.6692

16.7729, 8.3117,
-3.6692

15.5573, 10.8248,
-4.8212

18.0989, 5.7792,
-2.4408

14.4670, 13.2639,
-5.8603

19.5199, 3.2638,
-1.1645

13.5189, 15.5464,
-6.7376

21.0241, 0.7844,
0.1414

12.7291, 17.5661,
-7.3972

22.6011, -1.6503,
1.4646

12.0935, 19.2581,
-7.8149

24.2421, -4.0380,
2.7975

■ 11.4640, 21.0658,
-8.2469

■ 25.9399, -6.3799,
4.1352

■ 11.3401, 21.4415,
-8.3398

■ 27.6884, -8.6795,
5.4750

■ 29.4825, -10.9410,
6.8155

■ 31.3180, -13.1690,
8.1560

Harmonies

Analogous

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



16.7733, 4.5260, -8.4343



16.7729, 8.3117, -3.6692



16.7733, 9.5430, 1.3719

Triad

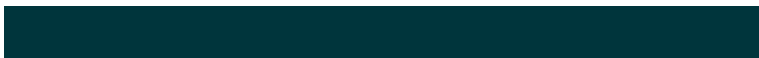
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16.7733, 8.3111, -3.6688



16.7733, -1.3824, 7.6056



16.7733, -8.0643, -4.7116

Complementary

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



16.7729, 8.3117, -3.6692



20.4164, -8.8969, 5.5043

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.



16.7733, -9.2769, 0.4408



16.7729, 8.3117, -3.6692



16.7733, -5.7061, 6.8078

Square

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



16.7733, 8.3111, -3.6688



16.7733, 3.5828, 7.0784



16.7733, -8.4650, 4.4826



16.7733, -4.9490, -9.1474

Rectangle

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



16.7729, 8.3117, -3.6692



16.7733, 8.6477, 4.0389



16.7733, -8.4650, 4.4826



16.7733, -8.6908, -2.9614

Sweetspot

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



16.7733, 8.3111, -3.6688



26.5838, 2.0982, -0.3927



15.3008, 4.1738, -8.7215



13.6011, 1.1342, -0.2321



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



16.7733, 8.3111, -3.6688



20.1830, 14.0002, -6.2355



16.4523, 6.7150, 0.8653



10.8974, 0.4446, 0.0536



17.0353, 32.1308, -11.9165



43.1576, 81.1375, -28.1491

Inverse Universe

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



16.7733, 8.3111, -3.6688



20.1830, 14.0002, -6.2355



20.6640, -7.4551, 1.9408



10.8974, 0.4446, 0.0536



17.0353, 32.1308, -11.9165



43.1576, 81.1375, -28.1491

Previews

White Background



This preview shows how the HunterLab color 16.7729, 8.3117, -3.6692 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 16.7729, 8.3117, -3.6692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

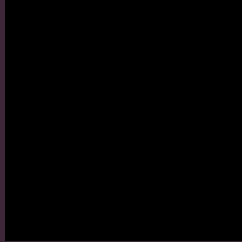
Any Text WCAG AA × Fail

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 16.7729, 8.3117, -3.6692 Background



This preview shows how black text looks on a background with the HunterLab color 16.7729, 8.3117, -3.6692.



This preview shows how white text looks on a background with the HunterLab color 16.7729, 8.3117,

-3.6692.

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

16.7729, 8.3117, -3.6692

Protanopia

16.9828, 0.4305, -5.9455

Deuteranopia

16.8930, 0.9512, -3.1598



Tritanopia

16.8449, 4.7074, 1.7239

Trichromacy



Original Color

16.7729, 8.3117, -3.6692

Protanomaly

16.7821, 3.1612, -5.2010

Deuteranomaly

16.6735, 3.6941, -3.4259

Tritanomaly

16.8532, 6.0441, -0.1254

Monochromacy



Original Color

16.7729, 8.3117, -3.6692

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

16.9752, 2.1170, -0.8501

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.7729, 8.3117, -3.6692 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(63, 39, 58)` looks like.

```
.text, #text, p{  
    color:rgb(63, 39, 58)  
}
```

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(63, 39, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 39, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 16.7729, 8.3117, -3.6692 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(63, 39, 58) }
```


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

```
.border{ border-color:rgb(63, 39, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 39, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 39, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 39, 58);  
box-shadow:4px 4px 4px 4px rgb(63, 39, 58)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.7729, 8.3117, -3.6692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 39, 58) }
```

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

```
.background{ background-color: rgb(63, 39,  
58) }
```

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