

Converting Colors

HunterLab(16.5785, 8.7443,
-3.9472)

Have a look what the booklet for
HunterLab(16.5785, 8.7443, -3.9472)
contains.

HunterLab(16.5785, 8.7443, -3.9472)	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(16.5785, 8.7443,
-3.9472)**

Conversions

Conversions Part 1

Format	Color
Hex	3F263A
RGB	63, 38, 58
RGB Percent	25%, 15%, 23%
CMY	0.7529, 0.8510, 0.7725
CMYK	0.00, 0.40, 0.08, 0.75
HSL	312°, 25%, 20%
HSV	312°, 40%, 25%
XYZ	3.5067, 2.7485, 4.3486
YIQ	47.7550, 8.4800, 11.5200

Conversions

Conversions Part 2

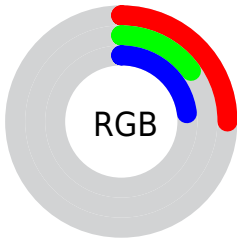
Format	Color
R_{YB}	63, 38, 58
Decimal	4138554
CIE _{Lab}	19.01, 15.56, -8.01
CIE _{LCh}	19, 17.499, 332.771
Yxy	2.7486, 0.3307, 0.2592
Android (android.graphics.Color)	4282328634 (0xFF3F263A)
YUV	47.7550, 5.0508, 13.3699
Hunter-Lab	16.5785, 8.7443, -3.9472

Details

The HunterLab color **16.5785, 8.7443, -3.9472** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20.3508, -9.1867, 5.7202**, and the grayscale version is **17.0927, -0.9120, 0.9287**.

A 20% lighter version of the original color is **32.5360, 9.9862, -4.1308**, and **4.1586, 7.9510, -3.7417** is the 20% darker color. If you saturate the color by 10%, you get **15.3838, 11.2581, -5.1114**, and if you desaturate by 10%, it is **17.8862, 6.2036, -2.7033**.

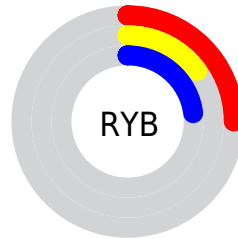
Distribution



Red (25%)

Green (15%)

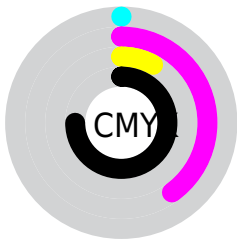
Blue (23%)



Red (25%)

Yellow (15%)

Blue (23%)

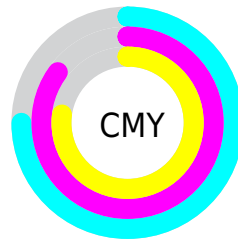


Cyan (0%)

Magenta (40%)

Yellow (8%)

Black (75%)



Cyan (75%)

Magenta (85%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.5785, 8.7443, -3.9472 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 16.5785, 8.7443, -3.9472 by changing the saturation by 10% instead.

■ 16.5785, 8.7443,
-3.9472

■ 16.5785, 8.7443,
-3.9472

■ 111.8709, 10.9466,
-2.2619

■ 10.0097, 7.9321,
-3.7649

■ 32.6547, 9.8943,
-4.0250

0.0000, INF, -NF

0.0000, NaN, NaN

■ 41.9526, 10.2869,
-3.9450

0.0000, NaN, NaN

■ 51.9960, 10.5821,
-3.7982

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.7334, 10.7922,
-3.5916

0.0000, NaN, NaN

■ 74.1225, 10.9268,
-3.3305

0.0000, NaN, NaN

■ 86.1279, 10.9936,

0.0000, NaN, NaN

-3.0196

98.7194, 10.9985,
-2.6623

16.5785, 8.7443,
-3.9472

16.5785, 8.7443,
-3.9472

15.3838, 11.2581,
-5.1114

17.8862, 6.2036,
-2.7033

14.3171, 13.6863,
-6.1574

19.2913, 3.6760,
-1.4099

13.3954, 15.9419,
-7.0341

20.7815, 1.1823,
-0.0863

12.6342, 17.9153,
-7.6845

22.3462, -1.2672,
1.2544

12.0131, 19.5947,
-8.1144

23.9763, -3.6693,
2.6040

■ 11.3809, 21.4482,
-8.5925

■ 25.6643, -6.0248,
3.9576

■ 11.3601, 21.5121,
-8.6094

■ 27.4041, -8.3370,
5.3123

■ 29.1903, -10.6100,
6.6668

■ 31.0185, -12.8485,
8.0203

Harmonies

Analogous

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



16.5789, 4.7506, -8.9879



16.5785, 8.7443, -3.9472



16.5789, 10.0645, 1.3461

Triad

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



16.5789, 8.7437, -3.9468



16.5789, -1.3559, 7.7677



16.5789, -8.3374, -4.9682

Complementary

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



16.5785, 8.7443, -3.9472



20.3508, -9.1867, 5.7202

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.



16.5789, -9.5712, 0.4461



16.5785, 8.7443, -3.9472



16.5789, -5.8567, 6.9766

Square

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



16.5789, 8.7437, -3.9468



16.5789, 3.8337, 7.2292



16.5789, -8.7203, 4.6217



16.5789, -5.1295, -9.6918

Rectangle

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



16.5785, 8.7443, -3.9472



16.5789, 9.1366, 4.1162



16.5789, -8.7203, 4.6217



16.5789, -8.9780, -3.1199

Sweetspot

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



16.5789, 8.7437, -3.9468



26.3814, 2.4451, -0.6020



15.0294, 4.4199, -9.2132



13.5109, 1.2904, -0.3281



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.



16.5789, 8.7437, -3.9468



19.8846, 14.7227, -6.6836



16.2371, 7.0543, 0.8776



10.8980, 0.4478, 0.0451



17.0670, 32.2426, -12.3433



43.2427, 81.4389, -29.3013

Inverse Universe

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



16.5789, 8.7437, -3.9468



19.8846, 14.7227, -6.6836



20.6102, -7.6730, 1.9859



10.8980, 0.4478, 0.0451



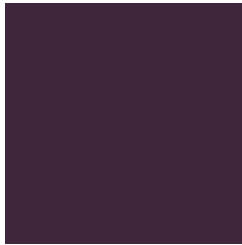
17.0670, 32.2426, -12.3433



43.2427, 81.4389, -29.3013

Previews

White Background



This preview shows how the HunterLab color 16.5785, 8.7443, -3.9472 looks on a white background.

Color Contrast Check

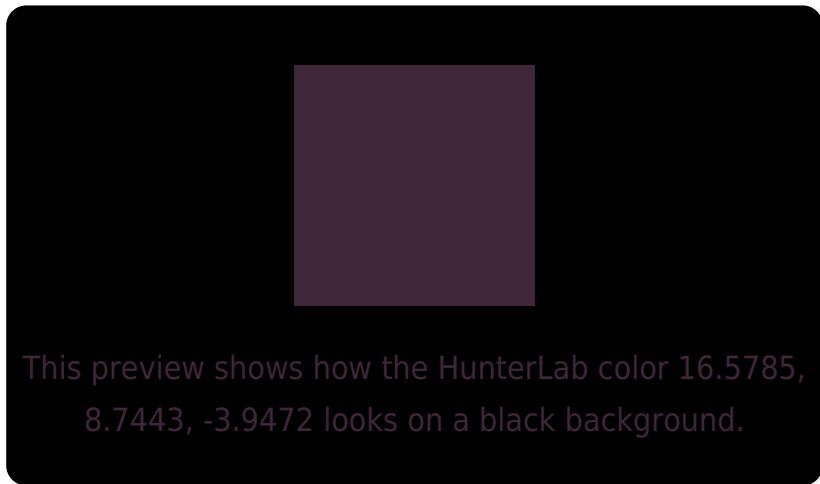
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

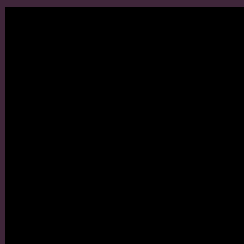
Any Text WCAG AA × Fail

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 16.5785, 8.7443, -3.9472 Background



This preview shows how black text looks on a background with the HunterLab color 16.5785, 8.7443, -3.9472.



This preview shows how white text looks on a background with the HunterLab color 16.5785, 8.7443,

-3.9472.

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

16.5785, 8.7443, -3.9472

Protanopia

16.7200, 0.8125, -6.8831

Deuteranopia

16.8233, 0.7160, -3.2631



Tritanopia

16.6127, 5.0105, 1.8200

Trichromacy



Original Color

16.5785, 8.7443, -3.9472

Protanomaly

16.5182, 3.5118, -6.1183

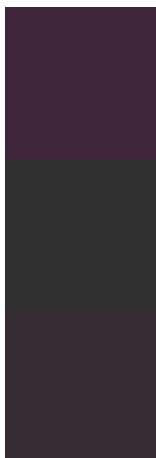
Deuteranomaly

16.5928, 3.4352, -3.5470

Tritanomaly

16.6237, 6.3405, -0.0091

Monochromacy



Original Color

16.5785, 8.7443, -3.9472

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

16.7517, 2.5313, -1.1321

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.5785, 8.7443, -3.9472 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, 38, 58)` looks like.

```
.text, #text, p{  
    color:rgb(63, 38, 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, 38, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 38, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 16.5785, 8.7443, -3.9472 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, 38, 58) }
```


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

```
.border{ border-color:rgb(63, 38, 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, 38, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 38, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 38, 58);  
box-shadow:4px 4px 4px 4px rgb(63, 38, 58)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.5785, 8.7443, -3.9472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 38, 58) }
```

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

```
.background{ background-color: rgb(63, 38,  
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