

Converting Colors

HunterLab(16.9513, 34.6546,
-32.6501)

Have a look what the booklet for
HunterLab(16.9513, 34.6546,
-32.6501) contains.

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Color

**HunterLab(17.0018, 34.7583,
-32.7515)**

Conversions

Conversions Part 1

Format	Color
Hex	550066
RGB	85, 0, 102
RGB Percent	33%, 0%, 40%
CMY	0.6667, 1.0000, 0.6000
CMYK	0.17, 1.00, 0.00, 0.60
HSL	290°, 100%, 20%
HSV	290°, 100%, 40%
XYZ	6.1446, 2.8906, 12.8045
YIQ	37.0430, 17.9180, 49.7420

Conversions

Conversions Part 2

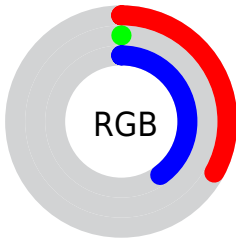
Format	Color
RYB	85, 0, 102
Decimal	5570662
CIELab	19.60, 47.22, -36.61
CIELCh	20, 59.749, 322.218
Yxy	2.8907, 0.2814, 0.1324
Android (android.graphics.Color)	4283760742 (0xFF550066)
YUV	37.0430, 32.0238, 42.0583
Hunter-Lab	17.0018, 34.7583, -32.7515

Details

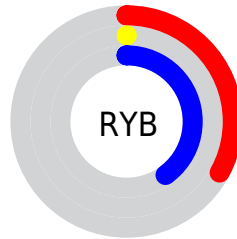
The HunterLab color **17.0018, 34.7583, -32.7515** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **31.0193, -25.6115, 18.6654**, and the grayscale version is **13.5127, -0.7210, 0.7342**.

A 20% lighter version of the original color is **33.1181, 38.6815, -33.6471**, and **8.2366, 17.3389, -19.7437** is the 20% darker color. If you saturate the color by 10%, you get **17.0019, 34.7585, -32.7514**, and if you desaturate by 10%, it is **17.8681, 32.7825, -30.1271**.

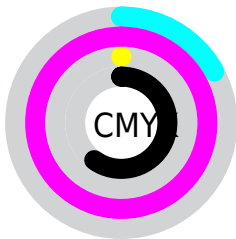
Distribution



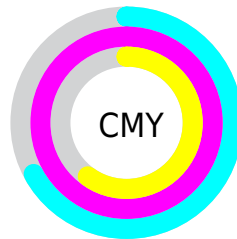
- Red (33%)
- Green (0%)
- Blue (40%)



- Red (33%)
- Yellow (0%)
- Blue (40%)



- Cyan (17%)
- Magenta (100%)
- Yellow (0%)
- Black (60%)



- Cyan (67%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.0018, 34.7583, -32.7515 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 17.0018, 34.7583, -32.7515 by changing the saturation by 10% instead.

■ 17.0018, 34.7583,
-32.7515

■ 17.0018, 34.7583,
-32.7515

■ 112.6684, 48.4919,
-37.3378

■ 10.3680, 33.0712,
-33.7156

■ 33.1845, 38.4960,
-33.2981

0.0000, INF, -NF

0.0000, NaN, -NF

■ 42.5282, 40.2510,
-33.8994

0.0000, NaN, NaN

■ 52.6142, 41.8920,
-34.5408

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.3914, 43.4184,
-35.1762


0.0000, NaN, NaN


■ 74.8179, 44.8350,
-35.7824

0.0000, NaN, NaN


■ 86.8589, 46.1483,


-36.3480


 99.4843, 47.3651,
-36.8673


 17.0018, 34.7583,
-32.7515


 17.0018, 34.7583,
-32.7515


 17.0019, 34.7585,
-32.7514

 17.8681, 32.7825,
-30.1271

 18.8900, 30.4259,
-27.2823

 20.2421, 27.2236,
-23.8697

 21.9013, 23.4365,
-20.1241

 23.8341, 19.3080,
-16.2459

■ 26.0043, 15.0224,
-12.3740

■ 28.3782, 10.7004,
-8.5894

■ 30.9265, 6.4119,
-4.9301

■ 33.6245, 2.1918,
-1.4078

Harmonies

Analogous

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



17.0021, 13.8008, -63.5179



17.0018, 34.7583, -32.7515



17.0021, 47.0108, -4.0116

Triad

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



17.0021, 34.7578, -32.7506



17.0021, 3.8989, 11.9015



17.0021, -22.2767, -16.2032

Complementary

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



17.0018, 34.7583, -32.7515



31.0193, -25.6115, 18.6654

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.



17.0021, -23.2726, 4.7185



17.0018, 34.7583, -32.7515



17.0021, -11.8653, 11.9015

Square

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



17.0021, 34.7578, -32.7506



17.0021, 25.0508, 11.9015



17.0021, -20.1840, 11.9015



17.0021, -17.0184, -48.8943

Rectangle

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



17.0018, 34.7583, -32.7515



17.0021, 46.1443, 6.4074



17.0021, -20.1840, 11.9015



17.0021, -23.0668, -7.3513

Sweetspot

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



17.0021, 34.7578, -32.7506



37.3000, 14.6642, -11.8018



11.6632, 19.3628, -56.3759



17.6585, 7.9392, -6.4420



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



17.0021, 34.7578, -32.7506



22.4268, 45.9082, -43.6594



18.0062, 33.1531, -6.3324



16.9326, 0.8699, -0.5176



19.2317, 39.3411, -37.2326



43.5489, 89.3339, -86.2380

Inverse Universe

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



16.9273, 29.2266, 9.0844



22.3883, 38.6011, 12.4478



31.0134, -25.2642, 15.7745



16.8915, 0.5191, 1.0704



19.1712, 33.0788, 10.4697



43.6775, 75.1557, 25.4591

Previews

White Background



This preview shows how the HunterLab color 17.0018, 34.7583, -32.7515 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 17.0018, 34.7583, -32.7515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

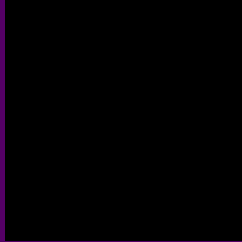
Any Text WCAG AA × Fail

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 17.0018, 34.7583, -32.7515 Background



This preview shows how black text looks on a background with the HunterLab color 17.0018, 34.7583, -32.7515.



This preview shows how white text looks on a background with the HunterLab color 17.0018, 34.7583, -32.7515.

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

17.0018, 34.7583, -32.7515

Protanopia

18.1690, 4.4604, -32.3383

Deuteranopia

17.9686, -0.0559, -22.3385



Tritanopia

18.0825, 10.3624, 3.8300

Trichromacy



Original Color

17.0018, 34.7583, -32.7515

Protanomaly

15.2440, 15.2462, -41.2780

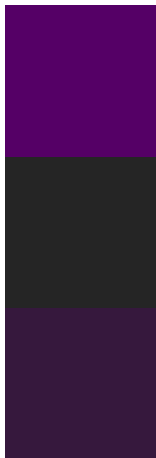
Deuteranomaly

14.9116, 12.4530, -34.5945

Tritanomaly

16.6460, 19.9961, -6.6693

Monochromacy



Original Color

17.0018, 34.7583, -32.7515

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.3209, 12.7380, -11.2189

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.0018, 34.7583, -32.7515 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(85, 0, 102)` looks like.

```
.text, #text, p{  
    color:rgb(85, 0, 102)  
}
```

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(85, 0, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 0, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 17.0018, 34.7583, -32.7515 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(85, 0, 102) }
```


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

```
.border{ border-color:rgb(85, 0, 102) }
```

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

Here you see how a box with a 4 pixel rgb(85, 0, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 0, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 0, 102);  
box-shadow:4px 4px 4px 4px rgb(85, 0, 102)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.0018, 34.7583, -32.7515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 0, 102) }
```

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

```
.background{ background-color: rgb(85, 0,  
102) }
```

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](#).

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