

Converting Colors

HunterLab(13.3239, 47.0144,
1.8802)

Have a look what the booklet for
HunterLab(13.3239, 47.0144,
1.8802) contains.

HunterLab(17.3347, 30.3862, 5.7749)	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(17.3347, 30.3862,
5.7749)**

Conversions

Conversions Part 1

Format	Color
Hex	670023
RGB	103, 0, 35
RGB Percent	40%, 0%, 14%
CMY	0.5961, 1.0000, 0.8627
CMYK	0.00, 1.00, 0.66, 0.60
HSL	340°, 100%, 20%
HSV	340°, 100%, 40%
XYZ	5.8969, 3.0049, 1.8593
YIQ	34.7870, 50.1530, 32.7210

Conversions

Conversions Part 2

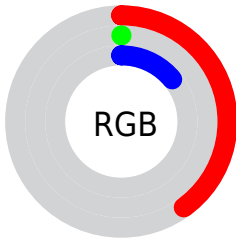
Format	Color
R_YB	103, 0, 35
Decimal	6750243
CIE Lab	20.06, 42.49, 10.68
CIE LCh	20, 43.811, 14.106
Yxy	3.0051, 0.5480, 0.2792
Android (android.graphics.Color)	4284940323 (0xFF670023)
YUV	34.7870, 0.1050, 59.8228
Hunter-Lab	17.3347, 30.3862, 5.7749

Details

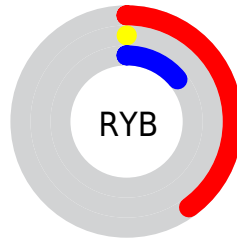
The HunterLab color **17.3347, 30.3862, 5.7749** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **31.8088, -22.5902, 9.0086**, and the grayscale version is **12.8868, -0.6876, 0.7002**.

A 20% lighter version of the original color is **33.5752, 33.6328, 8.2152**, and **8.5700, 14.7275, 5.1413** is the 20% darker color. If you saturate the color by 10%, you get **17.3345, 30.3858, 5.7763**, and if you desaturate by 10%, it is **18.0917, 28.7195, 4.5333**.

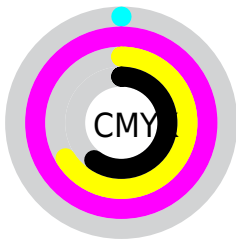
Distribution



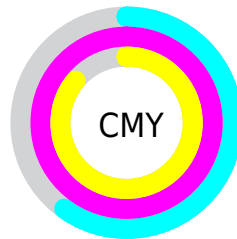
- Red (40%)
- Green (0%)
- Blue (14%)



- Red (40%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (60%)



- Cyan (60%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.3347, 30.3862, 5.7749 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 17.3347, 30.3862, 5.7749 by changing the saturation by 10% instead.

17.3347, 30.3862,
5.7749

17.3347, 30.3862,
5.7749

113.2925, 42.6572,
16.4245

10.6508, 28.6658,
4.8577

33.6003, 33.8723,
8.2521

0.8439, 222.8748,
0.5907

42.9797, 35.4589,
9.4336

0.0000, NaN, NaN

53.0988, 36.9243,
10.5996

0.0000, NaN, NaN

0.0000, NaN, NaN

63.9069, 38.2732,
11.7589

0.0000, NaN, NaN

75.3627, 39.5134,
12.9176

0.0000, NaN, NaN


0.0000, NaN, NaN


87.4313, 40.6526,


14.0797


0.0000, NaN, NaN


 100.0832, 41.6983,
15.2479


 17.3347, 30.3862,
5.7749


 17.3347, 30.3862,
5.7749


 17.3345, 30.3858,
5.7763

 18.0917, 28.7195,
4.5333

 19.0369, 26.7002,
3.2849

 20.3433, 23.8929,
2.2718

 21.9863, 20.5368,
1.5388

 23.9283, 16.8634,
1.0879

■ 26.1288, 13.0493,
0.8948

■ 28.5497, 9.2095,
0.9242

■ 31.1579, 5.4092,
1.1394

■ 33.9258, 1.6796,
1.5077

Harmonies

Analogous

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



17.3352, 30.0589, -6.8653



17.3347, 30.3862, 5.7749



17.3352, 20.7875, 11.1538

Triad

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



17.3352, 30.3841, 5.7753



17.3352, -15.0600, 11.3851



17.3352, -7.2240, -40.7070

Complementary

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



17.3347, 30.3862, 5.7749



31.8088, -22.5902, 9.0086

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.



17.3352, -15.4121, -24.9132



17.3347, 30.3862, 5.7749



17.3352, -18.9452, 6.2523

Square

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



17.3352, 30.3841, 5.7753



17.3352, -6.5795, 12.1347



17.3352, -19.0516, -5.8680



17.3352, 5.5602, -41.2468

Rectangle

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



17.3347, 30.3862, 5.7749



17.3352, 11.3254, 12.1347



17.3352, -19.0516, -5.8680



17.3352, -10.5039, -36.6751

Sweetspot

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



17.3352, 30.3841, 5.7753



37.9046, 12.7794, 1.2224



14.7347, 31.8759, -41.9961



18.2159, 7.0982, 0.5871



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



17.3352, 30.3841, 5.7753



23.1516, 40.4969, 8.3774



17.9953, 25.7515, 11.5385



16.9126, 0.6332, 0.7684



19.4276, 34.0238, 6.7126



44.1988, 77.0806, 17.7948

Inverse Universe

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



17.3352, 30.3841, 5.7753



23.1516, 40.4969, 8.3774



28.0808, -11.6290, -9.9937



16.9126, 0.6332, 0.7684



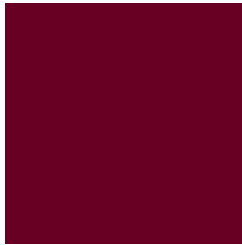
19.4276, 34.0238, 6.7126



44.1988, 77.0806, 17.7948

Previews

White Background



This preview shows how the HunterLab color 17.3347, 30.3862, 5.7749 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

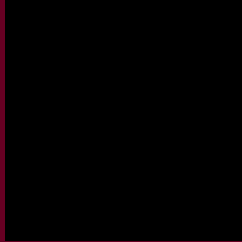
Any Text WCAG AA × Fail

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 17.3347, 30.3862, 5.7749 Background



This preview shows how black text looks on a background with the HunterLab color 17.3347, 30.3862, 5.7749.



This preview shows how white text looks on a background with the HunterLab color 17.3347, 30.3862,

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

17.3347, 30.3862, 5.7749

Protanopia

18.6767, -0.4840, 1.1865

Deuteranopia

18.6143, 0.8852, 7.5732



Tritanopia

17.7916, 26.0809, 10.2606

Trichromacy



Original Color

17.3347, 30.3862, 5.7749

Protanomaly

16.3177, 12.0221, 0.8737

Deuteranomaly

16.6042, 13.0740, 5.5809

Tritanomaly

17.5233, 27.4320, 9.0388

Monochromacy



Original Color

17.3347, 30.3862, 5.7749

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.8679, 11.5191, 0.8042

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.3347, 30.3862, 5.7749 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(103, 0, 35)` looks like.

```
.text, #text, p{  
    color:rgb(103, 0, 35)  
}
```

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(103, 0, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 0, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 17.3347, 30.3862, 5.7749 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(103, 0, 35) }
```


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

```
.border{ border-color:rgb(103, 0, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 0, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 0, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 0, 35);  
box-shadow:4px 4px 4px 4px rgb(103, 0, 35)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.3347, 30.3862, 5.7749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 0, 35) }
```

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

```
.background{ background-color: rgb(103, 0,  
35) }
```

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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