

Converting Colors

HunterLab(17.8800, 29.6865,
11.5373)

Have a look what the booklet for
HunterLab(17.8800, 29.6865,
11.5373) contains.

HunterLab(17.8632, 29.6542, 11.5263)	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(17.8632, 29.6542,
11.5263)**

Conversions

Conversions Part 1

Format	Color
Hex	6B0300
RGB	107, 3, 0
RGB Percent	42%, 1%, 0%
CMY	0.5804, 0.9882, 1.0000
CMYK	0.00, 0.97, 1.00, 0.58
HSL	2°, 100%, 21%
HSV	2°, 100%, 42%
XYZ	6.0960, 3.1909, 0.2946
YIQ	33.7540, 62.9470, 21.1150

Conversions

Conversions Part 2

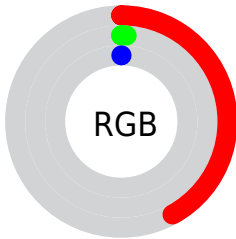
Format	Color
RYB	107, 3, 0
Decimal	7013120
CIELab	20.79, 41.55, 31.64
CIElCh	21, 52.223, 37.286
Yxy	3.1911, 0.6362, 0.3330
Android (android.graphics.Color)	4285203200 (0xFF6B0300)
YUV	33.7540, -16.6407, 64.2367
Hunter-Lab	17.8632, 29.6542, 11.5263

Details

The HunterLab color **17.8632, 29.6542, 11.5263** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **33.1060, -16.9413, -4.8081**, and the grayscale version is **12.6086, -0.6728, 0.6851**.

A 20% lighter version of the original color is **34.1318, 33.1113, 16.9400**, and **8.7125, 14.9456, 5.4348** is the 20% darker color. If you saturate the color by 10%, you get **17.8637, 29.6521, 11.5266**, and if you desaturate by 10%, it is **18.5680, 27.7939, 10.9459**.

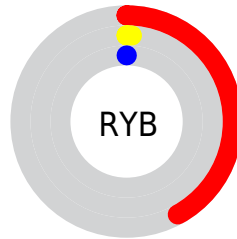
Distribution



Red (42%)

Green (1%)

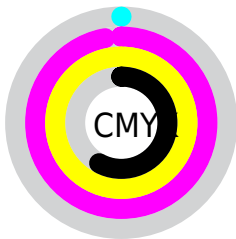
Blue (0%)



Red (42%)

Yellow (1%)

Blue (0%)

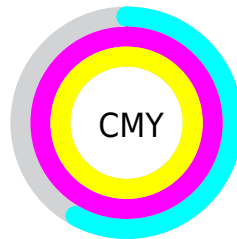


Cyan (0%)

Magenta (97%)

Yellow (100%)

Black (58%)



Cyan (58%)

Magenta (99%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.8632, 29.6542, 11.5263 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 17.8632, 29.6542, 11.5263 by changing the saturation by 10% instead.

■ 17.8632, 29.6542,
11.5263

■ 17.8632, 29.6542,
11.5263

■ 114.2772, 41.5625,
33.8375

■ 11.1010, 27.9244,
7.7707

■ 34.2581, 33.0721,
17.1208

■ 2.9642, 62.5353,
2.0750

■ 43.6934, 34.6154,
19.8235

0.0000, INF, NaN

0.0000, NaN, NaN

■ 53.8643, 36.0367,
22.3765

0.0000, NaN, NaN

■ 64.7210, 37.3421,
24.8147

0.0000, NaN, NaN

■ 76.2226, 38.5397,
27.1635


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 88.3347, 39.6374,


29.4413


0.0000, NaN, NaN


 101.0281, 40.6428,
31.6624


 17.8632, 29.6542,
11.5263


 17.8632, 29.6542,
11.5263


 17.8637, 29.6521,
11.5266

 18.5680, 27.7939,
10.9459

 19.5623, 25.3062,
10.2874

 20.9442, 22.1833,
9.4053

 22.6840, 18.6846,
8.3812

 24.7394, 15.0339,
7.2899

■ 27.0656, 11.3850,
6.1858

■ 29.6214, 7.8258,
5.1014

■ 32.3716, 4.3962,
4.0532

■ 35.2871, 1.1072,
3.0471

Harmonies

Analogous

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



17.8638, 39.4997, 4.2204



17.8632, 29.6542, 11.5263



17.8638, 12.1385, 12.5046

Triad

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



17.8638, 29.6519, 11.5266



17.8638, -21.0322, 8.8443



17.8638, 3.0037, -56.6257

Complementary

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



17.8632, 29.6542, 11.5263



33.1060, -16.9413, -4.8081

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.



17.8638, -11.1070, -50.2992



17.8632, 29.6542, 11.5263



17.8638, -22.0079, -3.0299

Square

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



17.8638, 29.6519, 11.5266



17.8638, -15.7139, 12.5046



17.8638, -19.0789, -26.3157



17.8638, 21.0417, -39.7688

Rectangle

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



17.8632, 29.6542, 11.5263



17.8638, 0.4856, 12.5046



17.8638, -19.0789, -26.3157



17.8638, -2.3497, -57.2813

Sweetspot

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



17.8638, 29.6519, 11.5266



39.3372, 10.8698, 6.9479



20.3720, 39.9156, -25.8139



18.8057, 6.0881, 3.6441



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



17.8638, 29.6519, 11.5266



23.8387, 39.9011, 15.3878



24.2594, 12.3120, 15.1640



17.6895, 0.3848, 1.4636



19.6834, 32.7731, 12.7026



44.1883, 74.8043, 28.5382

Inverse Universe

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



33.1060, -16.9413, -4.8081



44.2663, -22.6285, -6.4807



18.6878, 4.2541, -32.5414



18.6495, -2.2490, 0.5323



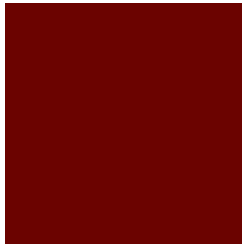
36.5049, -18.6735, -5.3173



82.2672, -41.9886, -12.1856

Previews

White Background



This preview shows how the HunterLab color 17.8632, 29.6542, 11.5263 looks on a white background.

Color Contrast Check

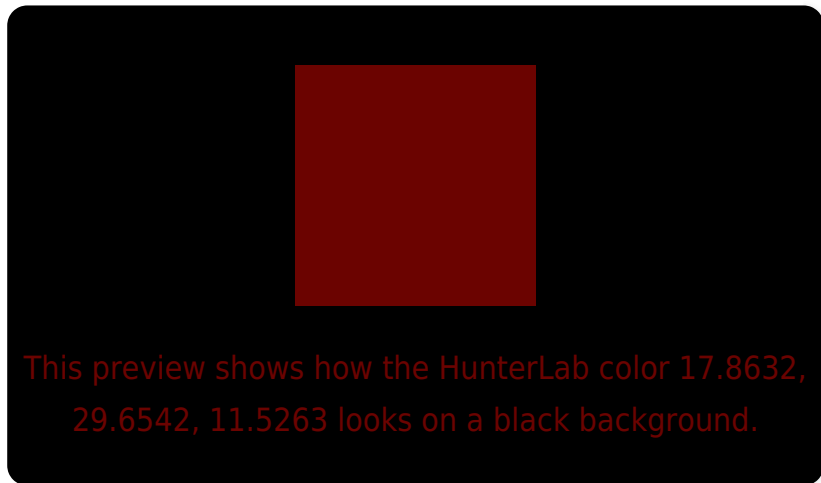
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.8632, 29.6542, 11.5263 Background



This preview shows how black text looks on a background with the HunterLab color 17.8632, 29.6542, 11.5263.



This preview shows how white text looks on a background with the HunterLab color 17.8632, 29.6542,

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

17.8632, 29.6542, 11.5263

Protanopia

19.1367, -2.4945, 10.4611

Deuteranopia

18.9647, 0.3920, 11.6928



Tritanopia

18.1142, 27.9412, 11.6511

Trichromacy



Original Color

17.8632, 29.6542, 11.5263

Protanomaly

16.8567, 10.6576, 9.6646

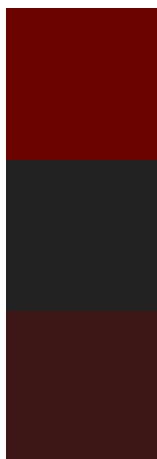
Deuteranomaly

17.1403, 12.1992, 10.7753

Tritanomaly

17.9336, 28.5341, 11.5501

Monochromacy



Original Color

17.8632, 29.6542, 11.5263

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.8950, 10.3192, 4.6365

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.8632, 29.6542, 11.5263 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(107, 3, 0)` looks like.

```
.text, #text, p{  
    color:rgb(107, 3, 0)  
}
```

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(107, 3, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 3, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 17.8632, 29.6542, 11.5263 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(107, 3, 0) }
```


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

```
.border{ border-color:rgb(107, 3, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 3, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 3, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(107, 3, 0); box-shadow:4px  
4px 4px 4px rgb(107, 3, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.8632, 29.6542, 11.5263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 3, 0) }
```

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

```
.background{ background-color: rgb(107, 3,  
0) }
```

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