

Converting Colors

HunterLab(17.7526, 30.5119,
10.6183)

Have a look what the booklet for
HunterLab(17.7526, 30.5119,
10.6183) contains.

HunterLab(17.7356, 30.4840, 10.5983)	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(17.7356, 30.4840,
10.5983)**

Conversions

Conversions Part 1

Format	Color
Hex	6B0009
RGB	107, 0, 9
RGB Percent	42%, 0%, 4%
CMY	0.5804, 1.0000, 0.9647
CMYK	0.00, 1.00, 0.92, 0.58
HSL	355°, 100%, 21%
HSV	355°, 100%, 42%
XYZ	6.1127, 3.1455, 0.5434
YIQ	33.0190, 60.8830, 25.4830

Conversions

Conversions Part 2

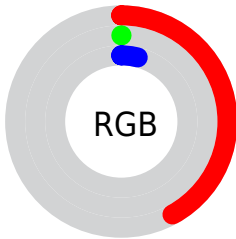
Format	Color
R_{YB}	107, 0, 9
Decimal	7012361
CIE Lab	20.62, 42.49, 27.78
CIE LCh	21, 50.761, 33.174
Yxy	3.1457, 0.6236, 0.3209
Android (android.graphics.Color)	4285202441 (0xFF6B0009)
YUV	33.0190, -11.8414, 64.8813
Hunter-Lab	17.7356, 30.4840, 10.5983

Details

The HunterLab color **17.7356, 30.4840, 10.5983** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **33.7600, -19.6216, 0.1614**, and the grayscale version is **12.3625, -0.6596, 0.6717**.

A 20% lighter version of the original color is **34.0498, 33.8752, 15.7095**, and **8.7251, 14.9922, 5.2485** is the 20% darker color. If you saturate the color by 10%, you get **17.7355, 30.4836, 10.5991**, and if you desaturate by 10%, it is **18.4523, 28.6095, 9.9200**.

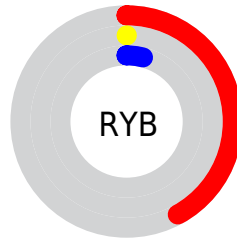
Distribution



Red (42%)

Green (0%)

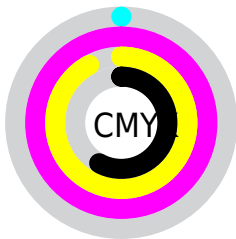
Blue (4%)



Red (42%)

Yellow (0%)

Blue (4%)

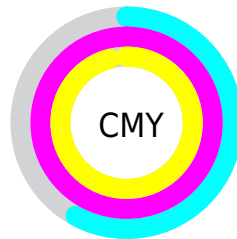


Cyan (0%)

Magenta (100%)

Yellow (92%)

Black (58%)



Cyan (58%)

Magenta (100%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.7356, 30.4840, 10.5983 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 17.7356, 30.4840, 10.5983 by changing the saturation by 10% instead.

■ 17.7356, 30.4840,
10.5983

■ 17.7356, 30.4840,
10.5983

■ 114.0401, 42.7054,
30.8844

■ 10.9922, 28.7509,
7.6945

■ 34.0995, 33.9614,
15.8074

■ 2.6162, 72.5227,
1.8314

■ 43.5214, 35.5411,
18.2200

0.0000, INF, NaN

0.0000, NaN, NaN

■ 53.6799, 36.9998,
20.5071

0.0000, NaN, NaN

■ 64.5249, 38.3425,
22.6994

0.0000, NaN, NaN

■ 76.0155, 39.5767,
24.8192

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 88.1172, 40.7105,


26.8824


0.0000, NaN, NaN


 100.8006, 41.7511,
28.9010


 17.7356, 30.4840,
10.5983


 17.7356, 30.4840,
10.5983


 17.7355, 30.4836,
10.5991

 18.4523, 28.6095,
9.9200

 19.4012, 26.3662,
8.9426

 20.7540, 23.3629,
7.8611

 22.4830, 19.8669,
6.7693

 24.5444, 16.1270,
5.7353

■ 26.8910, 12.3238,
4.7966

■ 29.4791, 8.5658,
3.9666

■ 32.2708, 4.9076,
3.2440

■ 35.2351, 1.3690,
2.6199

Harmonies

Analogous

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



17.7362, 38.3452, 2.4273



17.7356, 30.4840, 10.5983



17.7362, 14.1483, 12.4153

Triad

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



17.7362, 30.4817, 10.5986



17.7362, -20.1310, 9.4611



17.7362, 0.6887, -54.6706

Complementary

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



17.7356, 30.4840, 10.5983



33.7600, -19.6216, 0.1614

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.



17.7362, -12.2397, -45.5917



17.7356, 30.4840, 10.5983



17.7362, -21.6231, -0.6326

Square

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



17.7362, 30.4817, 10.5986



17.7362, -14.2016, 12.4153



17.7362, -19.2934, -21.7695



17.7362, 17.8980, -41.1976

Rectangle

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



17.7356, 30.4840, 10.5983



17.7362, 2.6371, 12.4153



17.7362, -19.2934, -21.7695



17.7362, -4.2679, -54.1732

Sweetspot

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



17.7362, 30.4817, 10.5986



39.1394, 11.8889, 5.3974



18.8809, 37.9531, -31.3809



18.7011, 6.6331, 2.8236



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.



17.7362, 30.4817, 10.5986



23.7133, 40.7195, 14.4724



21.9988, 17.6535, 13.8638



17.6650, 0.5031, 1.2726



19.5559, 33.6005, 11.7804



44.0784, 75.6049, 27.5581

Inverse Universe

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



17.7362, 30.4817, 10.5986



23.7133, 40.7195, 14.4724



21.7977, -1.3053, -24.4259



17.6650, 0.5031, 1.2726



19.5559, 33.6005, 11.7804



44.0784, 75.6049, 27.5581

Previews

White Background



This preview shows how the HunterLab color 17.7356, 30.4840, 10.5983 looks on a white background.

Color Contrast Check

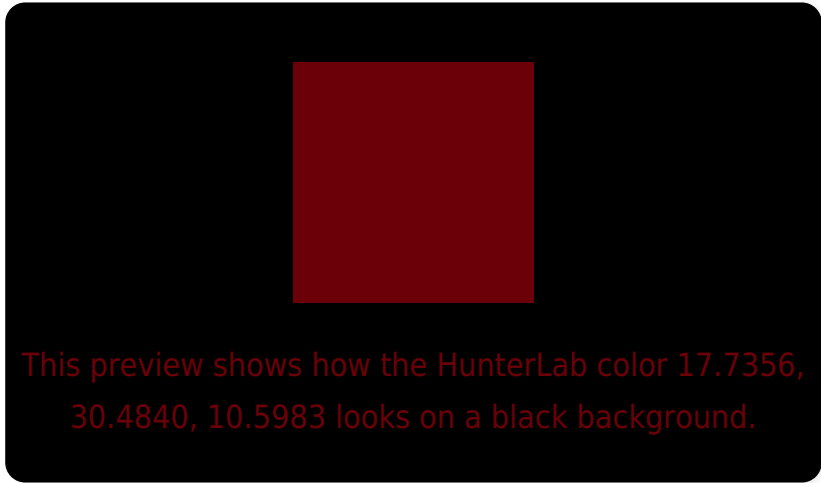
Large Text (above 18pt) WCAG AA ✓ Pass

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

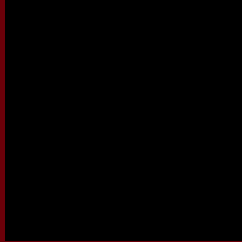
Any Text WCAG AA × Fail

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 17.7356, 30.4840, 10.5983 Background



This preview shows how black text looks on a background with the HunterLab color 17.7356, 30.4840, 10.5983.



This preview shows how white text looks on a background with the HunterLab color 17.7356, 30.4840,

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

17.7356, 30.4840, 10.5983

Protanopia

19.0858, -2.6132, 9.9371

Deuteranopia

18.9647, 0.3920, 11.6928



Tritanopia

18.1142, 27.9412, 11.6511

Trichromacy



Original Color

17.7356, 30.4840, 10.5983

Protanomaly

16.6022, 10.9294, 8.8076

Deuteranomaly

16.8328, 13.0936, 10.2981

Tritanomaly

17.8913, 28.8052, 11.2433

Monochromacy



Original Color

17.7356, 30.4840, 10.5983

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.5017, 10.9116, 3.7963

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.7356, 30.4840, 10.5983 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, 0, 9)` looks like.

```
.text, #text, p{  
    color:rgb(107, 0, 9)  
}
```

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, 0, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 0, 9) }
```

Border

The CSS property to change the border of an element to HunterLab 17.7356, 30.4840, 10.5983 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, 0, 9) }
```


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

```
.border{ border-color:rgb(107, 0, 9) }
```

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

Here you see how a box with a 4 pixel rgb(107, 0, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 0, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(107, 0, 9); box-shadow:4px  
4px 4px 4px rgb(107, 0, 9) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.7356, 30.4840, 10.5983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 0, 9) }
```

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

```
.background{ background-color: rgb(107, 0,  
9) }
```

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