

Converting Colors

HunterLab(18.6883, 32.1853,
10.6490)

Have a look what the booklet for
HunterLab(18.6883, 32.1853,
10.6490) contains.

HunterLab(18.6527, 32.1282, 10.6196)	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(18.6527, 32.1282,
10.6196)**

Conversions

Conversions Part 1

Format	Color
Hex	70000F
RGB	112, 0, 15
RGB Percent	44%, 0%, 6%
CMY	0.5608, 1.0000, 0.9412
CMYK	0.00, 1.00, 0.87, 0.56
HSL	352°, 100%, 22%
HSV	352°, 100%, 44%
XYZ	6.7683, 3.4792, 0.7668
YIQ	35.1980, 61.9370, 28.4090

Conversions

Conversions Part 2

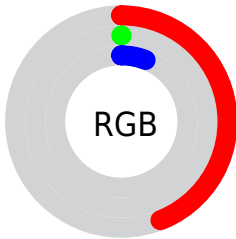
Format	Color
R_{YB}	112, 0, 15
Decimal	7340047
CIE Lab	21.87, 44.01, 26.74
CIE LCh	22, 51.499, 31.279
Yxy	3.4795, 0.6145, 0.3159
Android (android.graphics.Color)	4285530127 (0xFF70000F)
YUV	35.1980, -9.9576, 67.3554
Hunter-Lab	18.6527, 32.1282, 10.6196

Details

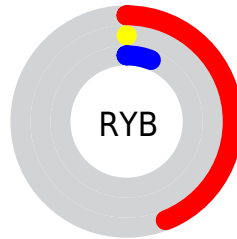
The HunterLab color **18.6527, 32.1282, 10.6196** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **35.2868, -21.5241, 2.3602**, and the grayscale version is **13.0458, -0.6961, 0.7088**.

A 20% lighter version of the original color is **35.2116, 35.9937, 15.8095**, and **9.3384, 16.0157, 5.8523** is the 20% darker color. If you saturate the color by 10%, you get **18.6526, 32.1278, 10.6207**, and if you desaturate by 10%, it is **19.3852, 30.3152, 9.7142**.

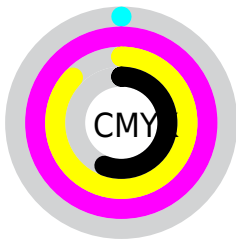
Distribution



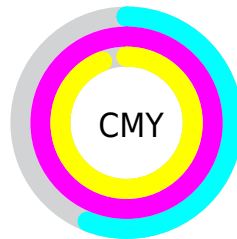
- Red (44%)
- Green (0%)
- Blue (6%)



- Red (44%)
- Yellow (0%)
- Blue (6%)



- Cyan (0%)
- Magenta (100%)
- Yellow (87%)
- Black (56%)



- Cyan (56%)
- Magenta (100%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.6527, 32.1282, 10.6196 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 18.6527, 32.1282, 10.6196 by changing the saturation by 10% instead.

■ 18.6527, 32.1282,
10.6196

■ 18.6527, 32.1282,
10.6196

■ 115.7353, 44.7145,
30.3209

■ 11.7765, 30.3605,
8.2436

■ 35.2365, 35.6752,
15.7430

■ 4.5499, 44.9353,
3.1849

■ 44.7538, 37.2946,
18.0606

0.0000, INF, NaN

0.0000, NaN, NaN

■ 55.0007, 38.7947,
20.2636

0.0000, NaN, NaN

■ 65.9286, 40.1798,
22.3807

0.0000, NaN, NaN

■ 77.4974, 41.4571,
24.4319

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 89.6735, 42.6339,


26.4321


0.0000, NaN, NaN


 102.4278, 43.7175,
28.3923


 18.6527, 32.1282,
10.6196


 18.6527, 32.1282,
10.6196


 18.6526, 32.1278,
10.6207

 19.3852, 30.3152,
9.7142

 20.3770, 28.0372,
8.5546

 21.7929, 24.9277,
7.3545

 23.6043, 21.2658,
6.2113

 25.7657, 17.3168,
5.1875

■ 28.2276, 13.2763,
4.3111

■ 30.9438, 9.2643,
3.5855

■ 33.8748, 5.3429,
3.0004

■ 36.9877, 1.5365,
2.5398

Harmonies

Analogous

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



18.6533, 39.3877, 1.6404



18.6527, 32.1282, 10.6196



18.6533, 15.6898, 13.0573

Triad

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



18.6533, 32.1258, 10.6199



18.6533, -20.6669, 10.1774



18.6533, -0.3228, -55.8378

Complementary

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



18.6527, 32.1282, 10.6196



35.2868, -21.5241, 2.3602

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.



18.6533, -13.3180, -45.2420



18.6527, 32.1282, 10.6196



18.6533, -22.4897, 0.3679

Square

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



18.6533, 32.1258, 10.6199



18.6533, -14.1399, 13.0573



18.6533, -20.3135, -20.6644



18.6533, 17.2424, -43.4402

Rectangle

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



18.6527, 32.1282, 10.6196



18.6533, 3.7658, 13.0573



18.6533, -20.3135, -20.6644



18.6533, -5.3239, -54.8119

Sweetspot

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



18.6533, 32.1258, 10.6199



40.7162, 12.6990, 4.8219



19.0100, 38.7054, -35.4184



19.3682, 7.0715, 2.5093



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



18.6533, 32.1258, 10.6199



24.6985, 42.4937, 14.4348



22.1572, 20.9560, 14.0192



18.4611, 0.5775, 1.2374



20.0497, 34.5228, 11.5045



44.6635, 76.7347, 26.9444

Inverse Universe

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



18.6533, 32.1258, 10.6199



24.6985, 42.4937, 14.4348



24.3090, -3.6639, -22.4730



18.4611, 0.5775, 1.2374



20.0497, 34.5228, 11.5045



44.6635, 76.7347, 26.9444

Previews

White Background



This preview shows how the HunterLab color 18.6527, 32.1282, 10.6196 looks on a white background.

Color Contrast Check

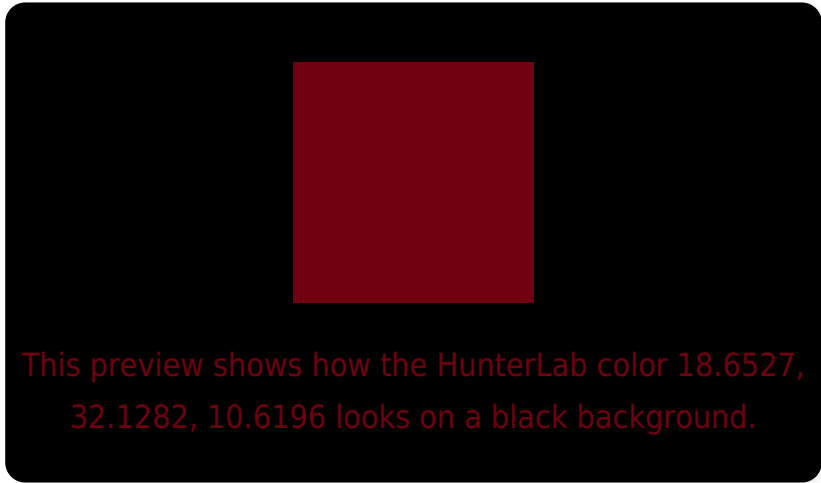
Large Text (above 18pt) WCAG AA ✓ Pass

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

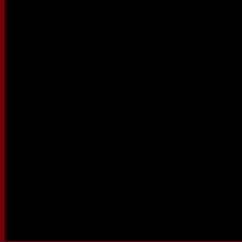
Any Text WCAG AA × Fail

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 18.6527, 32.1282, 10.6196 Background



This preview shows how black text looks on a background with the HunterLab color 18.6527, 32.1282, 10.6196.



This preview shows how white text looks on a background with the HunterLab color 18.6527, 32.1282,

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

18.6527, 32.1282, 10.6196

Protanopia

20.1326, -2.5290, 9.6528

Deuteranopia

19.9447, 0.1591, 12.2926



Tritanopia

18.9647, 29.5358, 12.2030

Trichromacy



Original Color

18.6527, 32.1282, 10.6196

Protanomaly

17.5078, 11.7701, 8.5917

Deuteranomaly

17.7015, 13.7662, 10.6677

Tritanomaly

18.7636, 30.4076, 11.6407

Monochromacy



Original Color

18.6527, 32.1282, 10.6196

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

13.0936, 11.8005, 3.3001

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.6527, 32.1282, 10.6196 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(112, 0, 15)` looks like.

```
.text, #text, p{  
  color:rgb(112, 0, 15)  
}
```

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(112, 0, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 0, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 18.6527, 32.1282, 10.6196 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(112, 0, 15) }
```


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

```
.border{ border-color:rgb(112, 0, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 0, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 0, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 0, 15);  
box-shadow:4px 4px 4px 4px rgb(112, 0, 15)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.6527, 32.1282, 10.6196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 0, 15) }
```

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

```
.background{ background-color: rgb(112, 0,  
15) }
```

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