

Converting Colors

HunterLab(19.6095, 33.0236,
12.6614)

Have a look what the booklet for
HunterLab(19.6095, 33.0236,
12.6614) contains.

HunterLab(19.5584, 32.9239, 12.6282)	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(19.5584, 32.9239,
12.6282)**

Conversions

Conversions Part 1

Format	Color
Hex	750200
RGB	117, 2, 0
RGB Percent	46%, 1%, 0%
CMY	0.5412, 0.9921, 1.0000
CMYK	0.00, 0.98, 1.00, 0.54
HSL	1°, 100%, 23%
HSV	1°, 100%, 46%
XYZ	7.3578, 3.8253, 0.3506
YIQ	36.1570, 69.1820, 23.7580

Conversions

Conversions Part 2

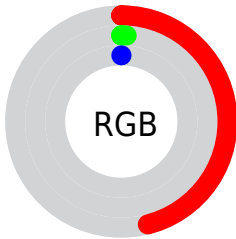
Format	Color
R_{YB}	117, 2, 0
Decimal	7668224
CIE Lab	23.09, 44.62, 34.79
CIE LCh	23, 56.580, 37.942
Yxy	3.8256, 0.6379, 0.3317
Android (android.graphics.Color)	4285858304 (0xFF750200)
YUV	36.1570, -17.8254, 70.8993
Hunter-Lab	19.5584, 32.9239, 12.6282

Details

The HunterLab color **19.5584, 32.9239, 12.6282** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **36.8006, -19.0972, -4.7722**, and the grayscale version is **13.3739, -0.7136, 0.7266**.

A 20% lighter version of the original color is **36.3472, 36.8612, 18.8260**, and **9.8125, 16.8265, 6.1675** is the 20% darker color. If you saturate the color by 10%, you get **19.5590, 32.9214, 12.6285**, and if you desaturate by 10%, it is **20.2701, 31.0230, 12.0440**.

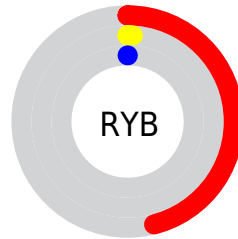
Distribution



Red (46%)

Green (1%)

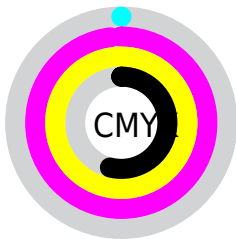
Blue (0%)



Red (46%)

Yellow (1%)

Blue (0%)

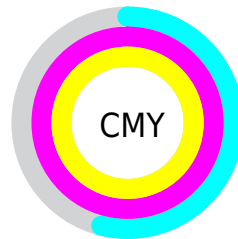


Cyan (0%)

Magenta (98%)

Yellow (100%)

Black (54%)



Cyan (54%)

Magenta (99%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.5584, 32.9239, 12.6282 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 19.5584, 32.9239, 12.6282 by changing the saturation by 10% instead.

■ 19.5584, 32.9239,
12.6282

■ 19.5584, 32.9239,
12.6282

■ 117.3904, 45.5911,
36.6617

■ 12.5557, 31.1296,
8.7890

■ 36.3531, 36.4873,
18.7458

■ 5.8451, 37.2108,
4.0916

■ 45.9621, 38.1137,
21.6460

0.0000, INF, NaN

0.0000, NaN, NaN

■ 56.2942, 39.6217,
24.3870

0.0000, NaN, NaN

■ 67.3020, 41.0155,
27.0039

0.0000, NaN, NaN

■ 78.9464, 42.3022,
29.5225


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 91.1942, 43.4892,


31.9623


0.0000, NaN, NaN


 104.0171, 44.5833,
34.3382


 19.5584, 32.9239,
12.6282


 19.5584, 32.9239,
12.6282


 19.5590, 32.9214,
12.6285

 20.2701, 31.0230,
12.0440

 21.3097, 28.4011,
11.3139

 22.7960, 24.9991,
10.3285

 24.6982, 21.1178,
9.1834

 26.9679, 17.0278,
7.9676

■ 29.5528, 12.9194,
6.7452

■ 32.4042, 8.9027,
5.5539

■ 35.4805, 5.0289,
4.4120

■ 38.7472, 1.3127,
3.3249

Harmonies

Analogous

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



19.5590, 44.3023, 4.9689



19.5584, 32.9239, 12.6282



19.5590, 13.1611, 13.6913

Triad

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



19.5590, 32.9214, 12.6285



19.5590, -23.3865, 9.6383



19.5590, 3.7923, -63.8865

Complementary

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



19.5584, 32.9239, 12.6282



36.8006, -19.0972, -4.7722

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.



19.5590, -12.0833, -57.2965



19.5584, 32.9239, 12.6282



19.5590, -24.3643, -3.8591

Square

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



19.5590, 32.9214, 12.6285



19.5590, -17.6486, 13.6913



19.5590, -21.0443, -30.3222



19.5590, 24.0489, -44.2896

Rectangle

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



19.5584, 32.9239, 12.6282



19.5590, 0.1706, 13.6913



19.5590, -21.0443, -30.3222



19.5590, -2.2309, -64.8448

Sweetspot

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



19.5590, 32.9214, 12.6285



43.0555, 12.3238, 7.5536



22.4072, 43.9020, -28.3814



20.0289, 6.7514, 3.8714



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



19.5590, 32.9214, 12.6285



26.1332, 44.1920, 16.8768



26.5724, 13.7917, 16.6152



19.2614, 0.4749, 1.5890



20.5245, 34.5765, 13.2524



45.1651, 76.8156, 29.1753

Inverse Universe

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



36.8006, -19.0972, -4.7722



49.2243, -25.5297, -6.4148



20.4114, 4.9605, -36.2209



20.3593, -2.5035, 0.5899



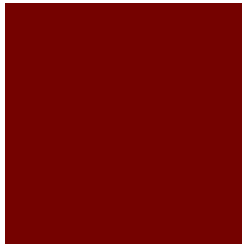
38.6251, -20.0419, -5.0133



85.1852, -44.1467, -11.1741

Previews

White Background



This preview shows how the HunterLab color 19.5584, 32.9239, 12.6282 looks on a white background.

Color Contrast Check

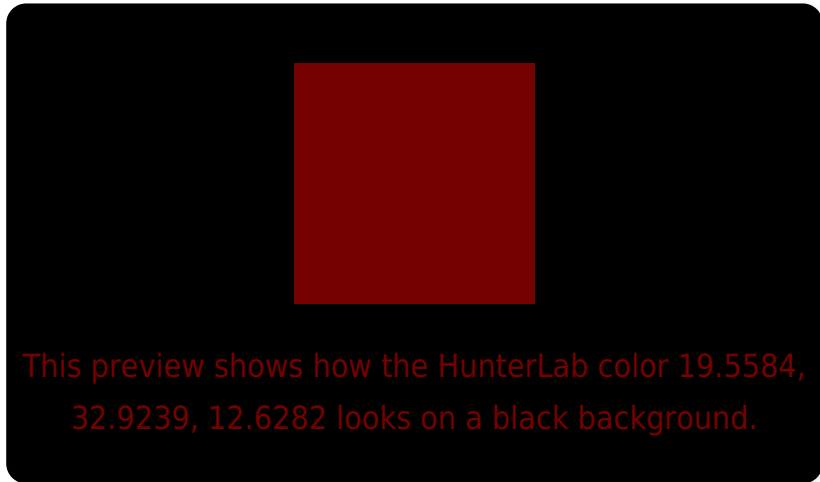
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5584, 32.9239, 12.6282 Background



This preview shows how black text looks on a background with the HunterLab color 19.5584, 32.9239, 12.6282.



This preview shows how white text looks on a background with the HunterLab color 19.5584, 32.9239,

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

19.5584, 32.9239, 12.6282

Protanopia

20.7862, -2.9111, 11.4683

Deuteranopia

20.6983, 0.3279, 12.7599



Tritanopia

19.8805, 30.9519, 12.7921

Trichromacy



Original Color

19.5584, 32.9239, 12.6282

Protanomaly

18.2741, 11.9193, 10.5374

Deuteranomaly

18.5349, 14.2462, 11.6705

Tritanomaly

19.7146, 31.4980, 12.6995

Monochromacy



Original Color

19.5584, 32.9239, 12.6282

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.5608, 11.2987, 5.0098

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.5584, 32.9239, 12.6282 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(117, 2, 0)` looks like.

```
.text, #text, p{  
    color:rgb(117, 2, 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(117, 2, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 2, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 19.5584, 32.9239, 12.6282 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(117, 2, 0) }
```


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

```
.border{ border-color:rgb(117, 2, 0) }
```

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

Here you see how a box with a 4 pixel rgb(117, 2, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 2, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(117, 2, 0); box-shadow:4px  
4px 4px 4px rgb(117, 2, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.5584, 32.9239, 12.6282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 2, 0) }
```

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

```
.background{ background-color: rgb(117, 2,  
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