

Converting Colors

HunterLab(16.2550, 28.4916,
5.4312)

Have a look what the booklet for
HunterLab(16.2550, 28.4916,
5.4312) contains.

HunterLab(16.2655, 28.4963, 5.5405)	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(16.2655, 28.4963,
5.5405)**

Conversions

Conversions Part 1

Format	Color
Hex	610020
RGB	97, 0, 32
RGB Percent	38%, 0%, 13%
CMY	0.6196, 1.0000, 0.8745
CMYK	0.00, 1.00, 0.67, 0.62
HSL	340°, 100%, 19%
HSV	340°, 100%, 38%
XYZ	5.1905, 2.6457, 1.6036
YIQ	32.6510, 47.5400, 30.5160

Conversions

Conversions Part 2

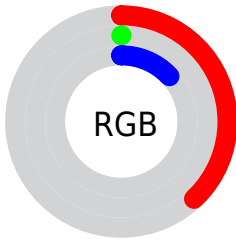
Format	Color
R_{YB}	97, 0, 32
Decimal	6357024
CIE _{Lab}	18.57, 40.71, 10.57
CIE _{LCh}	19, 42.058, 14.558
Yxy	2.6458, 0.5498, 0.2803
Android (android.graphics.Color)	4284547104 (0xFF610020)
YUV	32.6510, -0.3209, 56.4341
Hunter-Lab	16.2655, 28.4963, 5.5405

Details

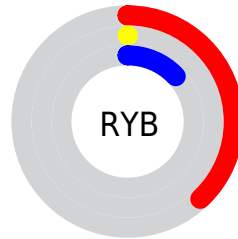
The HunterLab color **16.2655, 28.4963, 5.5405** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **29.8850, -21.0657, 8.1222**, and the grayscale version is **12.2143, -0.6517, 0.6636**.

A 20% lighter version of the original color is **32.2832, 32.0011, 7.8955**, and **7.6500, 13.1582, 4.4991** is the 20% darker color. If you saturate the color by 10%, you get **16.2654, 28.4959, 5.5418**, and if you desaturate by 10%, it is **17.0156, 26.7982, 4.4160**.

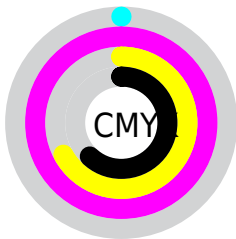
Distribution



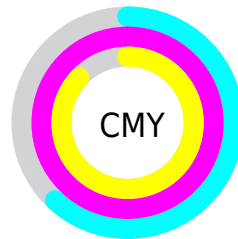
- Red (38%)
- Green (0%)
- Blue (13%)



- Red (38%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (67%)
- Black (62%)



- Cyan (62%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.2655, 28.4963, 5.5405 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 16.2655, 28.4963, 5.5405 by changing the saturation by 10% instead.

16.2655, 28.4963,
5.5405

16.2655, 28.4963,
5.5405

111.2783, 40.3351,
16.1519

9.7456, 26.8193,
5.0368

32.2621, 31.8999,
8.0178

0.0000, INF, NaN

0.0000, NaN, NaN

41.5256, 33.4397,
9.1954

0.0000, NaN, NaN

51.5373, 34.8559,
10.3565

0.0000, NaN, NaN

0.0000, NaN, NaN

62.2450, 36.1545,
11.5104

0.0000, NaN, NaN


73.6060, 37.3437,
12.6632


0.0000, NaN, NaN


85.5848, 38.4319,


0.0000, NaN, NaN


13.8192


 98.1510, 39.4267,
14.9814


 16.2655, 28.4963,
5.5405


 16.2655, 28.4963,
5.5405


 16.2654, 28.4959,
5.5418

 17.0156, 26.7982,
4.4160

 17.9179, 24.8622,
3.2608

 19.1543, 22.2118,
2.3165

 20.7011, 19.0685,
1.6239

 22.5233, 15.6431,
1.1859

■ 24.5834, 12.0950,
0.9815

■ 26.8467, 8.5277,
0.9793

■ 29.2827, 4.9993,
1.1471

■ 31.8661, 1.5377,
1.4552

Harmonies

Analogous

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



16.2660, 28.3432, -6.2160



16.2655, 28.4963, 5.5405



16.2660, 19.3575, 10.7489

Triad

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



16.2660, 28.4943, 5.5409



16.2660, -14.2329, 10.8658



16.2660, -6.6354, -38.4256

Complementary

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



16.2655, 28.4963, 5.5405



29.8850, -21.0657, 8.1222

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.



16.2660, -14.3962, -23.7113



16.2655, 28.4963, 5.5405



16.2660, -17.8220, 5.7622

Square

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



16.2660, 28.4943, 5.5409



16.2660, -6.3362, 11.3862



16.2660, -17.8714, -5.7526



16.2660, 5.4323, -38.6766

Rectangle

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



16.2655, 28.4963, 5.5405



16.2660, 10.4378, 11.3862



16.2660, -17.8714, -5.7526



16.2660, -9.7403, -34.7014

Sweetspot

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



16.2660, 28.4943, 5.5409



34.8783, 11.5749, 1.2729



14.0563, 30.2085, -38.5122



16.9416, 6.4423, 0.6253



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



16.2660, 28.4943, 5.5409



21.2551, 37.1603, 7.8413



17.0796, 23.5955, 10.9366



16.1322, 0.5800, 0.7509



18.9513, 33.1597, 6.7802



43.6328, 76.0184, 18.1491

Inverse Universe

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



16.2660, 28.4943, 5.5409



21.2551, 37.1603, 7.8413



25.9295, -10.3513, -10.0630



16.1322, 0.5800, 0.7509



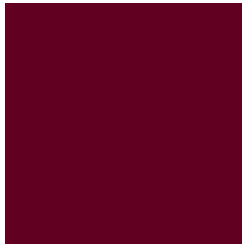
18.9513, 33.1597, 6.7802



43.6328, 76.0184, 18.1491

Previews

White Background



This preview shows how the HunterLab color 16.2655, 28.4963, 5.5405 looks on a white background.

Color Contrast Check

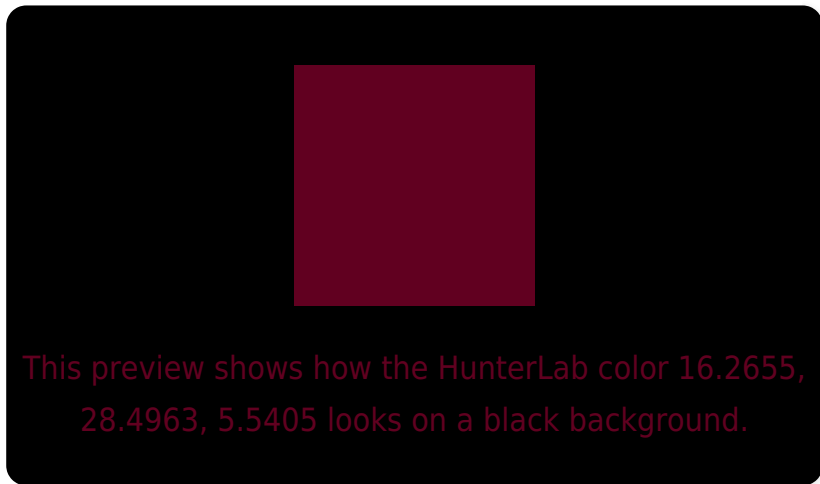
Large Text (above 18pt) WCAG AA ✓ Pass

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

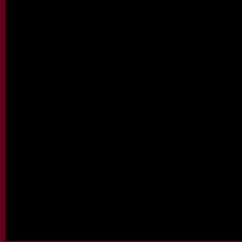
Any Text WCAG AA × Fail

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 16.2655, 28.4963, 5.5405 Background



This preview shows how black text looks on a background with the HunterLab color 16.2655, 28.4963, 5.5405.



This preview shows how white text looks on a background with the HunterLab color 16.2655, 28.4963,

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

16.2655, 28.4963, 5.5405

Protanopia

17.6229, -0.6901, 1.7992

Deuteranopia

17.6323, 1.0384, 7.1889



Tritanopia

16.7296, 24.3725, 9.6133

Trichromacy



Original Color

16.2655, 28.4963, 5.5405

Protanomaly

15.4146, 11.1435, 1.2680

Deuteranomaly

15.7261, 12.3208, 5.5236

Tritanomaly

16.4544, 25.7519, 8.3700

Monochromacy



Original Color

16.2655, 28.4963, 5.5405

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.1938, 10.4788, 0.7011

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.2655, 28.4963, 5.5405 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(97, 0, 32)` looks like.

```
.text, #text, p{  
    color:rgb(97, 0, 32)  
}
```

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(97, 0, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 0, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 16.2655, 28.4963, 5.5405 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(97, 0, 32) }
```


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

```
.border{ border-color:rgb(97, 0, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 0, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 0, 32); -webkit-box-shadow:4px  
4px 4px 4px rgb(97, 0, 32); box-shadow:4px  
4px 4px 4px rgb(97, 0, 32) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.2655, 28.4963, 5.5405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 0, 32) }
```

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

```
.background{ background-color: rgb(97, 0,  
32) }
```

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