

Converting Colors

HunterLab(16.4006, 28.1579,
10.0440)

Have a look what the booklet for
HunterLab(16.4006, 28.1579,
10.0440) contains.

HunterLab(16.3206, 28.0166, 10.0255)	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(16.3206, 28.0166,
10.0255)**

Conversions

Conversions Part 1

Format	Color
Hex	630005
RGB	99, 0, 5
RGB Percent	39%, 0%, 2%
CMY	0.6118, 1.0000, 0.9804
CMYK	0.00, 1.00, 0.95, 0.61
HSL	357°, 100%, 19%
HSV	357°, 100%, 39%
XYZ	5.1730, 2.6636, 0.3851
YIQ	30.1710, 57.3990, 22.5430

Conversions

Conversions Part 2

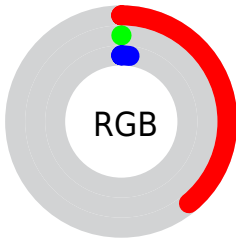
Format	Color
R_{YB}	99, 0, 5
Decimal	6488069
CIE _{Lab}	18.64, 40.16, 26.64
CIE _{LCh}	19, 48.188, 33.556
Yxy	2.6638, 0.6292, 0.3240
Android (android.graphics.Color)	4284678149 (0xFF630005)
YUV	30.1710, -12.4093, 60.3630
Hunter-Lab	16.3206, 28.0166, 10.0255

Details

The HunterLab color **16.3206, 28.0166, 10.0255** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **31.1961, -17.5003, -1.2134**, and the grayscale version is **11.4737, -0.6122, 0.6234**.

A 20% lighter version of the original color is **32.2895, 31.1138, 14.9004**, and **7.6500, 13.1582, 4.4991** is the 20% darker color. If you saturate the color by 10%, you get **16.3205, 28.0163, 10.0263**, and if you desaturate by 10%, it is **17.0310, 26.1127, 9.4550**.

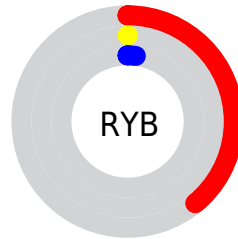
Distribution



Red (39%)

Green (0%)

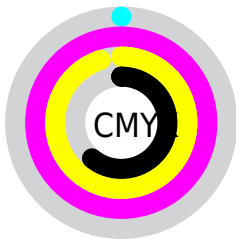
Blue (2%)



Red (39%)

Yellow (0%)

Blue (2%)

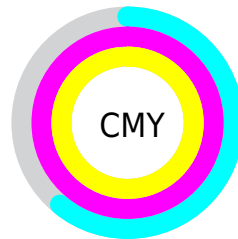


Cyan (0%)

Magenta (100%)

Yellow (95%)

Black (61%)



Cyan (61%)


Magenta (100%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 16.3206, 28.0166, 10.0255 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 16.3206, 28.0166, 10.0255 by changing the saturation by 10% instead.

 16.3206, 28.0166,
10.0255

 16.3206, 28.0166,
10.0255


 111.3829, 39.6716,
29.6226

 9.7920, 26.3396,
6.8544


 32.3313, 31.3855,
14.9294

0.0000, INF, NaN

0.0000, NaN, NaN

 41.6009, 32.9037,
17.2841

0.0000, NaN, NaN


 51.6182, 34.2980,
19.5133

0.0000, NaN, NaN

0.0000, NaN, NaN

 62.3312, 35.5747,
21.6490

0.0000, NaN, NaN


 73.6972, 36.7423,
23.7135


0.0000, NaN, NaN

 85.6807, 37.8093,


0.0000, NaN, NaN


25.7230


 98.2513, 38.7834,
27.6897


 16.3206, 28.0166,
10.0255


 16.3206, 28.0166,
10.0255


 16.3205, 28.0163,
10.0263

 17.0310, 26.1127,
9.4550

 17.9203, 23.9735,
8.6386

 19.1767, 21.1715,
7.6925

 20.7738, 17.9512,
6.7003

 22.6717, 14.5337,
5.7271

■ 24.8276, 11.0769,
4.8123

■ 27.2019, 7.6744,
3.9738

■ 29.7608, 4.3718,
3.2152

■ 32.4762, 1.1848,
2.5327

Harmonies

Analogous

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



16.3211, 35.4268, 2.3921



16.3206, 28.0166, 10.0255



16.3211, 12.8641, 11.4248

Triad

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



16.3211, 28.0145, 10.0258



16.3211, -18.6068, 8.7111



16.3211, 0.8243, -50.5585

Complementary

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



16.3206, 28.0166, 10.0255



31.1961, -17.5003, -1.2134

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.



16.3211, -11.1764, -42.4090



16.3206, 28.0166, 10.0255



16.3211, -19.9476, -0.7736

Square

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



16.3211, 28.0145, 10.0258



16.3211, -13.2035, 11.4248



16.3211, -17.7424, -20.4273



16.3211, 16.7462, -37.8524

Rectangle

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



16.3206, 28.0166, 10.0255



16.3211, 2.2474, 11.4248



16.3211, -17.7424, -20.4273



16.3211, -3.7729, -50.1940

Sweetspot

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



16.3211, 28.0145, 10.0258



35.3488, 10.4324, 5.2955



17.8802, 35.6557, -27.5006



16.7945, 5.6975, 2.7295



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.



16.3211, 28.0145, 10.0258



21.3649, 36.6540, 13.2943



20.9129, 14.6662, 13.1425



16.1002, 0.4074, 1.2075



18.6287, 31.9687, 11.5215



43.0111, 73.7201, 27.3105

Inverse Universe

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



16.3211, 28.0145, 10.0258



21.3649, 36.6540, 13.2943



19.3373, 0.0502, -24.2766



16.1002, 0.4074, 1.2075



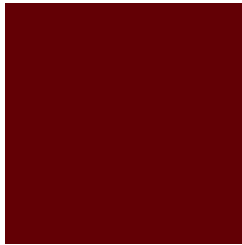
18.6287, 31.9687, 11.5215



43.0111, 73.7201, 27.3105

Previews

White Background



This preview shows how the HunterLab color 16.3206, 28.0166, 10.0255 looks on a white background.

Color Contrast Check

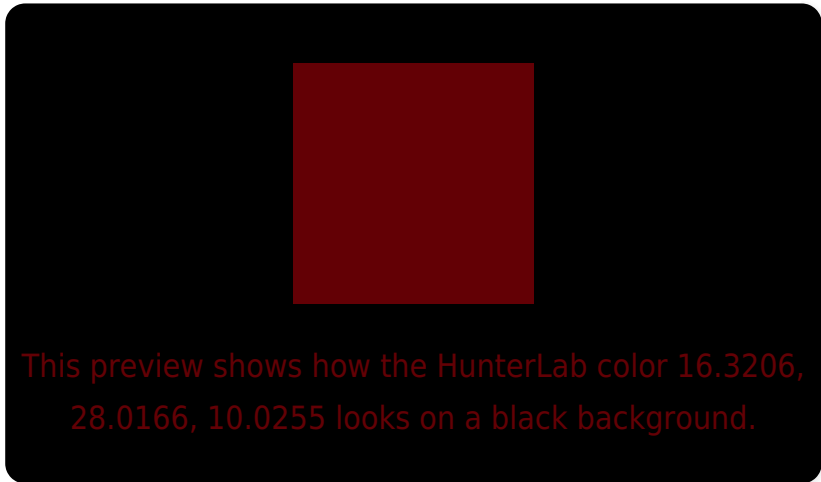
Large Text (above 18pt) WCAG AA ✓ Pass

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

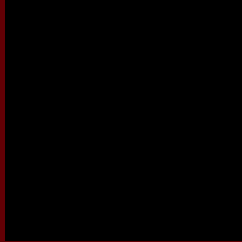
Any Text WCAG AA × Fail

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 16.3206, 28.0166, 10.0255 Background



This preview shows how black text looks on a background with the HunterLab color 16.3206, 28.0166, 10.0255.



This preview shows how white text looks on a background with the HunterLab color 16.3206, 28.0166,

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

16.3206, 28.0166, 10.0255

Protanopia

17.7586, -2.4231, 9.5132

Deuteranopia

17.5778, 0.3778, 10.8380



Tritanopia

16.7094, 25.6104, 10.7446

Trichromacy



Original Color

16.3206, 28.0166, 10.0255

Protanomaly

15.6042, 9.8634, 8.5849

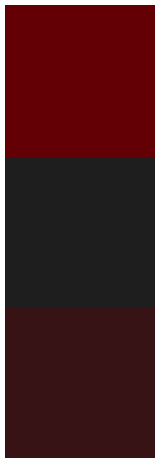
Deuteranomaly

15.7144, 11.7533, 9.6722

Tritanomaly

16.5267, 26.3034, 10.4381

Monochromacy



Original Color

16.3206, 28.0166, 10.0255

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.5417, 9.8638, 3.6401

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.3206, 28.0166, 10.0255 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(99, 0, 5)` looks like.

```
.text, #text, p{  
    color:rgb(99, 0, 5)  
}
```

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(99, 0, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 0, 5) }
```

Border

The CSS property to change the border of an element to HunterLab 16.3206, 28.0166, 10.0255 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(99, 0, 5) }
```


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

```
.border{ border-color:rgb(99, 0, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 0, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 0, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(99, 0, 5); box-shadow:4px  
4px 4px 4px rgb(99, 0, 5) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.3206, 28.0166, 10.0255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 0, 5) }
```

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

```
.background{ background-color: rgb(99, 0,  
5) }
```

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](#).

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