

Converting Colors

HunterLab(8.6380, 23.5712,
6.0466)

Have a look what the booklet for
HunterLab(8.6380, 23.5712, 6.0466)
contains.

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Color

**HunterLab(10.2799, 17.6046,
6.6426)**

Conversions

Conversions Part 1

Format	Color
Hex	3F0000
RGB	63, 0, 0
RGB Percent	25%, 0%, 0%
CMY	0.7529, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.75
HSL	0°, 100%, 12%
HSV	0°, 100%, 25%
XYZ	2.0499, 1.0568, 0.0959
YIQ	18.8370, 37.5480, 13.3560

Conversions

Conversions Part 2

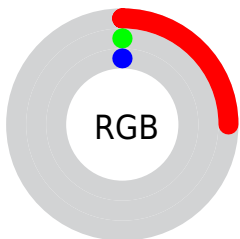
Format	Color
R _Y B	63, 0, 0
Decimal	4128768
CIE Lab	9.46, 29.45, 14.93
CIE LCh	9, 33.021, 26.883
Yxy	1.0568, 0.6401, 0.3300
Android (android.graphics.Color)	4282318848 (0xFF3F0000)
YUV	18.8370, -9.2866, 38.7310
Hunter-Lab	10.2799, 17.6046, 6.6426

Details

The HunterLab color **10.2799, 17.6046, 6.6426** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **19.7825, -10.4871, -2.0878**, and the grayscale version is **8.0411, -0.4291, 0.4369**.

A 20% lighter version of the original color is **24.4380, 20.4930, 8.6331**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **10.2802, 17.6033, 6.6428**, and if you desaturate by 10%, it is **10.9881, 15.7428, 6.0703**.

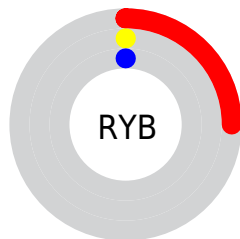
Distribution



Red (25%)

Green (0%)

Blue (0%)



Red (25%)

Yellow (0%)

Blue (0%)

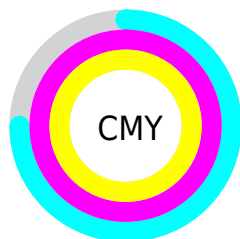


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (75%)



Cyan (75%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 10.2799, 17.6046, 6.6426 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 10.2799, 17.6046, 6.6426 by changing the saturation by 10% instead.

10.2799, 17.6046,
6.6426

10.2799, 17.6046,
6.6426

99.2976, 26.4127,
18.7749

0.0000, INF, NaN

0.0000, NaN, NaN

24.5303, 20.4206,
8.7714

0.0000, NaN, NaN

33.0551, 21.6237,
10.3165

0.0000, NaN, NaN

42.3876, 22.6906,
11.7948

0.0000, NaN, NaN

0.0000, NaN, NaN

52.4633, 23.6346,
13.2299

0.0000, NaN, NaN


63.2307, 24.4686,
14.6367


0.0000, NaN, NaN


0.0000, NaN, NaN


74.6482, 25.2037,


16.0254


 86.6804, 25.8491,
17.4031


 10.2799, 17.6046,
6.6426


 10.2799, 17.6046,
6.6426


 10.2802, 17.6033,
6.6428

 10.9881, 15.7428,
6.0703

 11.6730, 14.1143,
5.5739

 12.5135, 12.3049,
5.0282

 13.5342, 10.3355,
4.4419

 14.7130, 8.3076,
3.8473

■ 16.0280, 6.2889,
3.2657

■ 17.4593, 4.3180,
2.7084

■ 18.9898, 2.4126,
2.1802

■ 20.6055, 0.5775,
1.6817

Harmonies

Analogous

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



10.2802, 20.3726, -0.2887



10.2799, 17.6046, 6.6426



10.2802, 9.5462, 7.1962

Triad

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



10.2802, 17.6032, 6.6428



10.2802, -12.4368, 7.1962



10.2802, -1.3913, -28.4483

Complementary

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



10.2799, 17.6046, 6.6426



19.7825, -10.4871, -2.0878

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.



10.2802, -8.3608, -21.5532



10.2799, 17.6046, 6.6426



10.2802, -14.6898, 1.3412

Square

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



10.2802, 17.6032, 6.6428



10.2802, -7.0426, 7.1962



10.2802, -13.1978, -8.7793



10.2802, 7.5840, -23.7723

Rectangle

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



10.2799, 17.6046, 6.6426



10.2802, 3.2741, 7.1962



10.2802, -13.1978, -8.7793



10.2802, -3.8901, -27.3295

Sweetspot

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



10.2802, 17.6032, 6.6428



22.3849, 5.9253, 3.6029



11.8980, 23.3919, -15.6928



11.3410, 3.2285, 1.9013



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



10.2802, 17.6032, 6.6428



13.3269, 22.8208, 8.6115



14.3633, 6.5920, 8.9660



10.8428, 0.1493, 0.8331



15.4866, 26.5194, 10.0070



39.3779, 67.4341, 25.4450

Inverse Universe

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



19.7825, -10.4871, -2.0878



25.6454, -13.5951, -2.7066



11.6841, 0.9463, -16.6467



11.3863, -1.3006, 0.3863



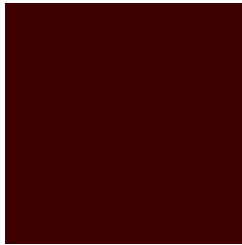
29.8016, -15.7983, -3.1453



75.7776, -40.1708, -7.9980

Previews

White Background



This preview shows how the HunterLab color 10.2799, 17.6046, 6.6426 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

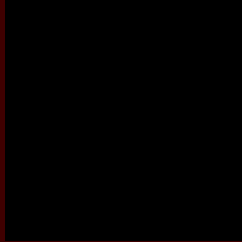
Any Text WCAG AA × Fail

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 10.2799, 17.6046, 6.6426 Background



This preview shows how black text looks on a background with the HunterLab color 10.2799, 17.6046, 6.6426.

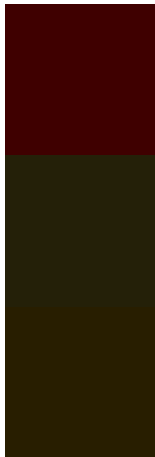


This preview shows how white text looks on a background with the HunterLab color 10.2799, 17.6046,

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

10.2799, 17.6046, 6.6426

Protanopia

11.9399, -1.6411, 6.1879

Deuteranopia

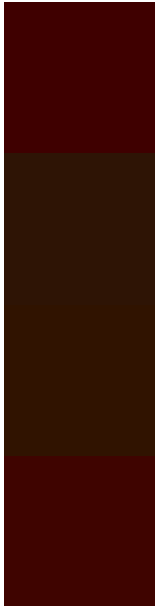
11.7459, -0.2016, 7.2342



Tritanopia

10.8950, 15.5856, 6.9863

Trichromacy



Original Color

10.2799, 17.6046, 6.6426

Protanomaly

10.4504, 5.6975, 5.7246

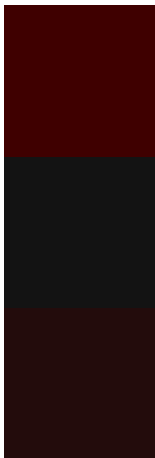
Deuteranomaly

10.4600, 6.4698, 6.5587

Tritanomaly

10.6939, 16.2268, 6.8736

Monochromacy



Original Color

10.2799, 17.6046, 6.6426

Achromatopsia

8.0698, -0.4306, 0.4384

Achromatomaly

8.0425, 5.7005, 2.4913

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 10.2799, 17.6046, 6.6426 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(63, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(63, 0, 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(63, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 0, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 10.2799, 17.6046, 6.6426 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(63, 0, 0) }
```


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

```
.border{ border-color:rgb(63, 0, 0) }
```

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

Here you see how a box with a 4 pixel rgb(63, 0, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(63, 0, 0); box-shadow:4px  
4px 4px 4px rgb(63, 0, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 10.2799, 17.6046, 6.6426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 0, 0) }
```

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

```
.background{ background-color: rgb(63, 0,  
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](#).

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