

Converting Colors

HunterLab(15.1734, 30.1198,
-19.7689)

Have a look what the booklet for
HunterLab(15.1734, 30.1198,
-19.7689) contains.

HunterLab(15.2595, 29.9278, -19.5616)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

**HunterLab(15.2595, 29.9278,
-19.5616)**

Conversions

Conversions Part 1

Format	Color
Hex	510050
RGB	81, 0, 80
RGB Percent	32%, 0%, 31%
CMY	0.6824, 1.0000, 0.6863
CMYK	0.00, 1.00, 0.01, 0.68
HSL	301°, 100%, 16%
HSV	301°, 100%, 32%
XYZ	4.8413, 2.3285, 7.7837
YIQ	33.3390, 22.5960, 42.0520

Conversions

Conversions Part 2

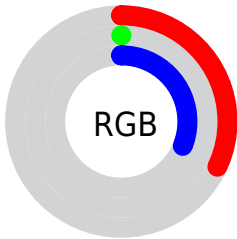
Format	Color
R_YB	81, 0, 80
Decimal	5308496
CIE Lab	17.13, 42.56, -25.89
CIE LCh	17, 49.821, 328.687
Yxy	2.3286, 0.3238, 0.1557
Android (android.graphics.Color)	4283498576 (0xFF510050)
YUV	33.3390, 23.0039, 41.7987
Hunter-Lab	15.2595, 29.9278, -19.5616

Details

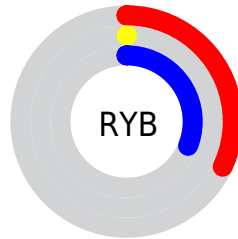
The HunterLab color **15.2595, 29.9278, -19.5616** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **24.2635, -20.7733, 14.5169**, and the grayscale version is **12.3645, -0.6597, 0.6718**.

A 20% lighter version of the original color is **31.0232, 33.2541, -20.6633**, and **6.7929, 13.4194, -9.4582** is the 20% darker color. If you saturate the color by 10%, you get **15.2596, 29.9280, -19.5615**, and if you desaturate by 10%, it is **15.8302, 27.9216, -18.2547**.

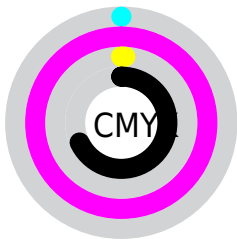
Distribution



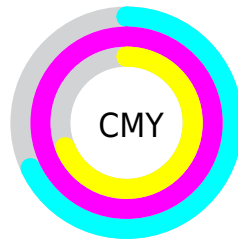
- Red (32%)
- Green (0%)
- Blue (31%)



- Red (32%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (1%)
- Black (68%)



- Cyan (68%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.2595, 29.9278, -19.5616 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 15.2595, 29.9278, -19.5616 by changing the saturation by 10% instead.

15.2595, 29.9278,
-19.5616

15.2595, 29.9278,
-19.5616

109.3537, 42.4744,
-23.1587

8.8815, 28.4383,
-19.6254

30.9930, 33.4547,
-20.5300

0.0000, INF, -NF

0.0000, NaN, -NF

40.1437, 35.0794,
-21.0607

0.0000, NaN, NaN

50.0511, 36.5829,
-21.5517

0.0000, NaN, NaN

0.0000, NaN, NaN

60.6613, 37.9681,
-21.9890

0.0000, NaN, NaN

71.9306, 39.2421,
-22.3681

0.0000, NaN, NaN

83.8224, 40.4129,

0.0000, NaN, NaN

-22.6885

■ 96.3057, 41.4880,
-22.9513

■ 15.2595, 29.9278,
-19.5616

■ 15.2595, 29.9278,
-19.5616

■ 15.2596, 29.9280,
-19.5615

■ 15.8302, 27.9216,
-18.2547

■ 16.4565, 25.8374,
-16.8907

■ 17.3172, 23.1443,
-15.1080

■ 18.4103, 19.9800,
-12.9979

■ 19.7174, 16.5151,
-10.6750

■ 21.2159, 12.8947,
-8.2371

■ 22.8824, 9.2247,
-5.7566

■ 24.6954, 5.5741,
-3.2809

■ 26.6355, 1.9821,
-0.8375

Harmonies

Analogous

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



15.2599, 14.4948, -43.5084



15.2595, 29.9278, -19.5616



15.2599, 36.8300, 0.2278

Triad

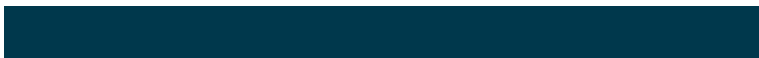
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.2599, 29.9270, -19.5608



15.2599, -0.1889, 10.6819



15.2599, -18.1070, -17.4500

Complementary

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



15.2595, 29.9278, -19.5616



24.2635, -20.7733, 14.5169

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.



15.2599, -19.8494, 1.4098



15.2595, 29.9278, -19.5616



15.2599, -11.7669, 10.6819

Square

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



15.2599, 29.9270, -19.5608



15.2599, 15.9788, 10.6819



15.2599, -17.7809, 9.6950



15.2599, -12.5003, -41.6878

Rectangle

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



15.2595, 29.9278, -19.5616



15.2599, 34.2787, 6.9974



15.2599, -17.7809, 9.6950



15.2599, -19.1032, -9.9530

Sweetspot

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



15.2599, 29.9270, -19.5608



29.6113, 12.5281, -7.8443



7.7084, 20.9049, -54.7607



14.8036, 6.9745, -4.3970



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



15.2599, 29.9270, -19.5608



19.9011, 39.0280, -25.4863



13.8061, 24.7763, 0.1263



13.8976, 0.7924, -0.2747



47.7824, 93.6894, -61.0652

Inverse Universe

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



15.2599, 29.9270, -19.5608



19.9011, 39.0280, -25.4863



24.5797, -18.8017, 9.8656



13.8976, 0.7924, -0.2747



47.7824, 93.6894, -61.0652

Previews

White Background



This preview shows how the HunterLab color 15.2595, 29.9278, -19.5616 looks on a white background.

Color Contrast Check

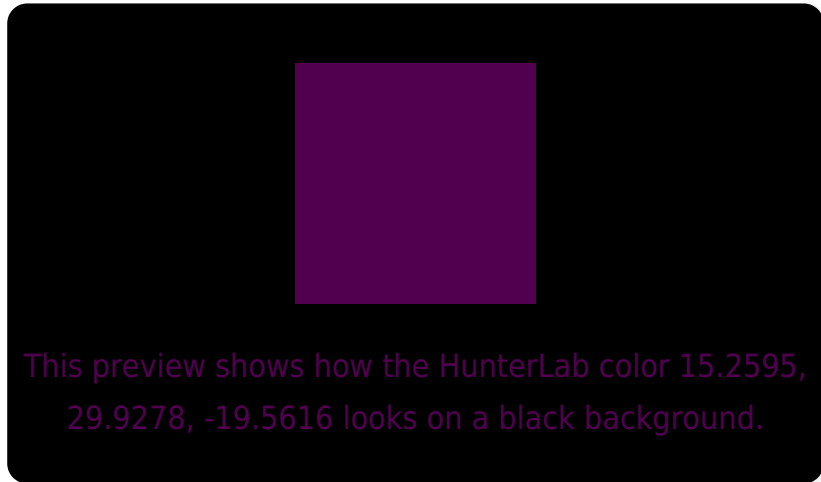
Large Text (above 18pt) WCAG AA ✓ Pass

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

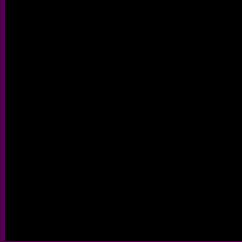
Any Text WCAG AA × Fail

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 15.2595, 29.9278, -19.5616 Background



This preview shows how black text looks on a background with the HunterLab color 15.2595, 29.9278, -19.5616.



This preview shows how white text looks on a background with the HunterLab color 15.2595, 29.9278, -19.5616.

-19.5616.

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

15.2595, 29.9278, -19.5616

Deuteranopia

16.5021, 0.9074, -13.7319

Tritanopia

16.2058, 12.8894, 4.9475

Trichromacy



Original Color

15.2595, 29.9278, -19.5616

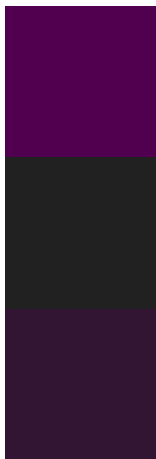
Deuteranomaly

14.2931, 12.4257, -20.1000

Tritanomaly

15.3307, 19.3692, -1.8845

Monochromacy



Original Color

15.2595, 29.9278, -19.5616

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.0197, 11.0322, -7.2855

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.2595, 29.9278, -19.5616 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(81, 0, 80)` looks like.

```
.text, #text, p{  
    color:rgb(81, 0, 80)  
}
```

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(81, 0, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 0, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 15.2595, 29.9278, -19.5616 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(81, 0, 80) }
```

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

```
.border{ border-color:rgb(81, 0, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 0, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 0, 80); -webkit-box-shadow:4px  
4px 4px 4px rgb(81, 0, 80); box-shadow:4px  
4px 4px 4px rgb(81, 0, 80) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.2595, 29.9278, -19.5616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 0, 80) }
```

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

```
.background{ background-color: rgb(81, 0,  
80) }
```

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