

Converting Colors

HunterLab(15.8683, 30.0737,
-10.4224)

Have a look what the booklet for
HunterLab(15.8683, 30.0737,
-10.4224) contains.

| | |
|---|----|
| HunterLab(15.9411, 29.9177, -9.9937) | 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(15.9411, 29.9177,
-9.9937)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 590044 |
| RGB | 89, 0, 68 |
| RGB Percent | 35%, 0%, 27% |
| CMY | 0.6510, 1.0000, 0.7333 |
| CMYK | 0.00, 1.00, 0.24, 0.65 |
| HSL | 314°, 100%, 17% |
| HSV | 314°, 100%, 35% |
| XYZ | 5.1632, 2.5412, 5.6872 |
| YIQ | 34.3630, 31.2160, 40.0160 |

Conversions

Conversions Part 2

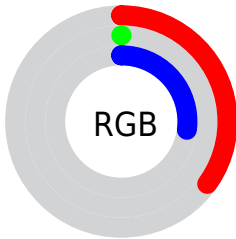
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 89, 0, 68 |
| Decimal | 5832772 |
| CIE _{Lab} | 18.10, 42.36, -15.96 |
| CIE _{LCh} | 18, 45.270, 339.356 |
| Yxy | 2.5413, 0.3856, 0.1898 |
| Android (android.graphics.Color) | 4284022852 (0xFF590044) |
| YUV | 34.3630, 16.5830, 47.9166 |
| Hunter-Lab | 15.9411, 29.9177, -9.9937 |

Details

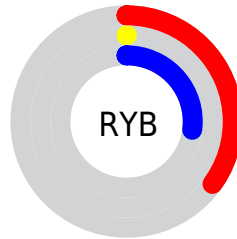
The HunterLab color **15.9411, 29.9177, -9.9937** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **26.8309, -22.2865, 14.5746**, and the grayscale version is **12.7056, -0.6779, 0.6903**.

A 20% lighter version of the original color is **31.8428, 33.2462, -10.5617**, and **7.3594, 13.5568, -2.6373** is the 20% darker color. If you saturate the color by 10%, you get **15.9411, 29.9176, -9.9930**, and if you desaturate by 10%, it is **16.6151, 28.1326, -10.0053**.

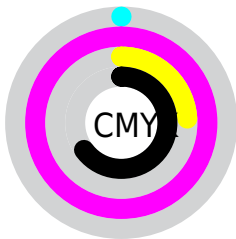
Distribution



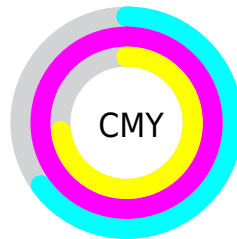
- Red (35%)
- Green (0%)
- Blue (27%)



- Red (35%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (65%)



- Cyan (65%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9411, 29.9177, -9.9937 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 15.9411, 29.9177, -9.9937 by changing the saturation by 10% instead.

15.9411, 29.9177,
-9.9937

15.9411, 29.9177,
-9.9937

110.6609, 42.3192,
-11.1847

9.4724, 28.2560,
-9.5818

31.8539, 33.4233,
-10.7303

0.0000, INF, -NF

0.0000, NaN, NaN

41.0814, 35.0291,
-10.9922

0.0000, NaN, NaN

51.0599, 36.5132,
-11.1811

0.0000, NaN, NaN

0.0000, NaN, NaN

61.7364, 37.8796,
-11.3013

0.0000, NaN, NaN

73.0682, 39.1357,
-11.3575

0.0000, NaN, NaN

85.0192, 40.2894,

0.0000, NaN, NaN

-11.3542

■ 97.5589, 41.3483,
-11.2954

■ 15.9411, 29.9177,
-9.9937

■ 15.9411, 29.9177,
-9.9937

■ 15.9411, 29.9176,
-9.9930

■ 16.6151, 28.1326,
-10.0053

■ 17.3801, 26.1667,
-9.8642

■ 18.4194, 23.5003,
-9.2636

■ 19.7212, 20.3138,
-8.2688

■ 21.2612, 16.7986,
-6.9682

■ 23.0115, 13.1117,
-5.4465

■ 24.9446, 9.3641,
-3.7731

■ 27.0356, 5.6256,
-1.9992

■ 29.2628, 1.9352,
-0.1608

Harmonies

Analogous

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



15.9415, 18.2891, -30.6231



15.9411, 29.9177, -9.9937



15.9415, 32.0532, 4.2683

Triad

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



15.9415, 29.9164, -9.9930



15.9415, -4.7134, 11.1591



15.9415, -15.9365, -22.7613

Complementary

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



15.9411, 29.9177, -9.9937



26.8309, -22.2865, 14.5746

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.



15.9415, -18.7765, -3.5000



15.9411, 29.9177, -9.9937



15.9415, -13.8036, 11.1591

Square

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



15.9415, 29.9164, -9.9930



15.9415, 8.9492, 11.1591



15.9415, -18.1428, 7.1791



15.9415, -8.7391, -41.2483

Rectangle

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



15.9411, 29.9177, -9.9937



15.9415, 27.2954, 8.8131



15.9415, -18.1428, 7.1791



15.9415, -17.3073, -15.7357

Sweetspot

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



15.9415, 29.9164, -9.9930



32.3522, 12.7052, -5.1459



9.3719, 23.7423, -53.6011



15.9346, 7.0581, -2.8917



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



15.9415, 29.9164, -9.9930



20.8016, 38.9844, -12.6125



14.7947, 25.7727, 6.1616



14.6381, 0.7328, 0.0356



19.3354, 36.2495, -11.8237



45.6712, 85.3609, -25.8947

Inverse Universe

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



15.9415, 29.9164, -9.9930



20.8016, 38.9844, -12.6125



27.4400, -18.5236, 5.6902



14.6381, 0.7328, 0.0356



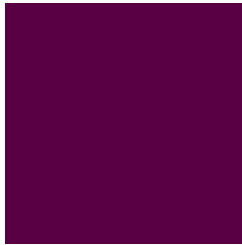
19.3354, 36.2495, -11.8237



45.6712, 85.3609, -25.8947

Previews

White Background



This preview shows how the HunterLab color 15.9411, 29.9177, -9.9937 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

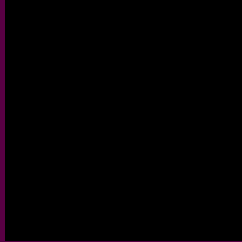
Any Text WCAG AA × Fail

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 15.9411, 29.9177, -9.9937 Background



This preview shows how black text looks on a background with the HunterLab color 15.9411, 29.9177, -9.9937.



This preview shows how white text looks on a background with the HunterLab color 15.9411, 29.9177, -9.9937.

-9.9937.

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

15.9411, 29.9177, -9.9937

Protanopia

17.3137, 4.4570, -27.9813

Deuteranopia

17.4412, 0.8417, -5.7269



Tritanopia

16.8705, 17.4469, 6.8400

Trichromacy



Original Color

15.9411, 29.9177, -9.9937

Protanomaly

14.4661, 12.9215, -26.9439

Deuteranomaly

15.3419, 12.3447, -9.6572

Tritanomaly

16.1293, 22.3154, 1.9282

Monochromacy



Original Color

15.9411, 29.9177, -9.9937

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.4713, 11.1142, -4.4089

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9411, 29.9177, -9.9937 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(89, 0, 68)` looks like.

```
.text, #text, p{  
    color:rgb(89, 0, 68)  
}
```

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(89, 0, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 0, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9411, 29.9177, -9.9937 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(89, 0, 68) }
```


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

```
.border{ border-color:rgb(89, 0, 68) }
```

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

Here you see how a box with a 4 pixel rgb(89, 0, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 0, 68); -webkit-box-shadow:4px  
4px 4px 4px rgb(89, 0, 68); box-shadow:4px  
4px 4px 4px rgb(89, 0, 68) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.9411, 29.9177, -9.9937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 0, 68) }
```

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

```
.background{ background-color: rgb(89, 0,  
68) }
```

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