

Converting Colors

HunterLab(16.0153, 30.8800,
-16.4208)

Have a look what the booklet for
HunterLab(16.0153, 30.8800,
-16.4208) contains.

HunterLab(16.0508, 30.9144, -16.1929)	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(16.0508, 30.9144,
-16.1929)**

Conversions

Conversions Part 1

Format	Color
Hex	57004E
RGB	87, 0, 78
RGB Percent	34%, 0%, 31%
CMY	0.6588, 1.0000, 0.6941
CMYK	0.00, 1.00, 0.10, 0.66
HSL	306°, 100%, 17%
HSV	306°, 100%, 34%
XYZ	5.3056, 2.5763, 7.4253
YIQ	34.9050, 26.8140, 42.7020

Conversions

Conversions Part 2

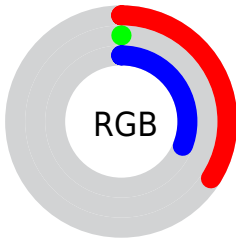
Format	Color
R_{YB}	87, 0, 78
Decimal	5701710
CIE _{Lab}	18.26, 43.41, -22.64
CIE _{LCh}	18, 48.964, 332.457
Yxy	2.5764, 0.3466, 0.1683
Android (android.graphics.Color)	4283891790 (0xFF57004E)
YUV	34.9050, 21.2458, 45.6873
Hunter-Lab	16.0508, 30.9144, -16.1929

Details

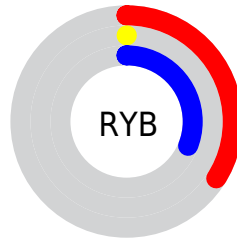
The HunterLab color **16.0508, 30.9144, -16.1929** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **26.1461, -22.1505, 15.1370**, and the grayscale version is **12.8637, -0.6864, 0.6989**.

A 20% lighter version of the original color is **31.9933, 34.4520, -16.8926**, and **7.5273, 14.4251, -7.0294** is the 20% darker color. If you saturate the color by 10%, you get **16.0509, 30.9144, -16.1925**, and if you desaturate by 10%, it is **16.6681, 29.0091, -15.4658**.

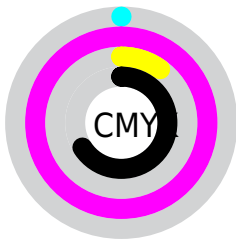
Distribution



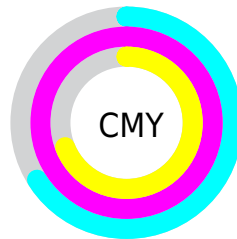
- Red (34%)
- Green (0%)
- Blue (31%)



- Red (34%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (10%)
- Black (66%)



- Cyan (66%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.0508, 30.9144, -16.1929 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 16.0508, 30.9144, -16.1929 by changing the saturation by 10% instead.

16.0508, 30.9144,
-16.1929

16.0508, 30.9144,
-16.1929

110.8699, 43.6267,
-19.1396

9.5646, 29.2522,
-15.9126

31.9920, 34.4749,
-17.1755

0.0000, INF, -NF

0.0000, NaN, -NF

41.2317, 36.1161,
-17.6360

0.0000, NaN, NaN

51.2214, 37.6372,
-18.0391

0.0000, NaN, NaN

0.0000, NaN, NaN

61.9086, 39.0411,
-18.3797

0.0000, NaN, NaN


73.2502, 40.3344,
-18.6579


0.0000, NaN, NaN


85.2107, 41.5250,


0.0000, NaN, NaN


-18.8755


 97.7594, 42.6201,
-19.0351

 16.0508, 30.9144,
-16.1929


 16.0508, 30.9144,
-16.1929


 16.0509, 30.9144,
-16.1925

 16.6681, 29.0091,
-15.4658

 17.3668, 26.9389,
-14.6053

 18.3283, 24.1800,
-13.2748

 19.5448, 20.9010,
-11.5652

 20.9947, 17.2900,
-9.5868

■ 22.6524, 13.5049,
-7.4378

■ 24.4916, 9.6599,
-5.1937

■ 26.4884, 5.8285,
-2.9066

■ 28.6216, 2.0521,
-0.6094

Harmonies

Analogous

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



16.0512, 16.4201, -39.6218



16.0508, 30.9144, -16.1929



16.0512, 36.1602, 1.9397

Triad

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



16.0512, 30.9133, -16.1921



16.0512, -2.0023, 11.2358



16.0512, -17.9155, -20.0192

Complementary

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



16.0508, 30.9144, -16.1929



26.1461, -22.1505, 15.1370

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.



16.0512, -20.0021, -0.2708



16.0508, 30.9144, -16.1929



16.0512, -12.9612, 11.2358

Square

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



16.0512, 30.9133, -16.1921



16.0512, 13.6868, 11.2358



16.0512, -18.5061, 8.9523



16.0512, -11.5607, -42.8798

Rectangle

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



16.0508, 30.9144, -16.1929



16.0512, 32.6304, 7.9355



16.0512, -18.5061, 8.9523



16.0512, -19.0063, -12.4152

Sweetspot

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



16.0512, 30.9133, -16.1921



31.7518, 13.1073, -7.0727



8.6278, 22.7478, -56.2489



15.3819, 7.0895, -3.8551



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



16.0512, 30.9133, -16.1921



20.9511, 40.3259, -20.9301



14.6510, 25.9088, 3.1085



14.6523, 0.8094, -0.1670



19.9422, 38.3882, -19.9553



47.1845, 90.7010, -46.2237

Inverse Universe

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



16.0512, 30.9133, -16.1921



20.9511, 40.3259, -20.9301



26.5824, -19.4398, 8.7400



14.6523, 0.8094, -0.1670



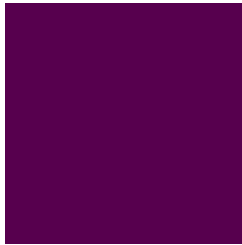
19.9422, 38.3882, -19.9553



47.1845, 90.7010, -46.2237

Previews

White Background



This preview shows how the HunterLab color 16.0508, 30.9144, -16.1929 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

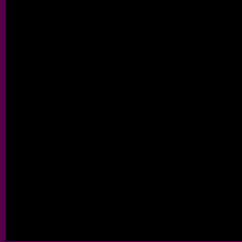
Any Text WCAG AA × Fail

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 16.0508, 30.9144, -16.1929 Background



This preview shows how black text looks on a background with the HunterLab color 16.0508, 30.9144, -16.1929.



This preview shows how white text looks on a background with the HunterLab color 16.0508, 30.9144, -16.1929.

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

16.0508, 30.9144, -16.1929

Protanopia

17.1847, 4.3786, -30.9315

Deuteranopia

17.2866, 0.9586, -10.9506



Tritanopia

17.1137, 15.2326, 5.8272

Trichromacy



Original Color

16.0508, 30.9144, -16.1929

Protanomaly

14.1716, 12.8823, -33.4032

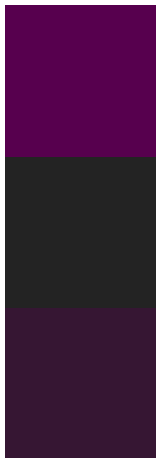
Deuteranomaly

15.1664, 12.7162, -16.4546

Tritanomaly

16.1458, 21.0599, -0.3526

Monochromacy



Original Color

16.0508, 30.9144, -16.1929

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.6377, 11.8643, -6.6988

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.0508, 30.9144, -16.1929 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(87, 0, 78)` looks like.

```
.text, #text, p{  
    color:rgb(87, 0, 78)  
}
```

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(87, 0, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 0, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 16.0508, 30.9144, -16.1929 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(87, 0, 78) }
```


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

```
.border{ border-color:rgb(87, 0, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 0, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 0, 78); -webkit-box-shadow:4px  
4px 4px 4px rgb(87, 0, 78); box-shadow:4px  
4px 4px 4px rgb(87, 0, 78) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.0508, 30.9144, -16.1929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 0, 78) }
```

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

```
.background{ background-color: rgb(87, 0,  
78) }
```

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