

Converting Colors

HunterLab(15.2366, 28.9885,
-12.5986)

Have a look what the booklet for
HunterLab(15.2366, 28.9885,
-12.5986) contains.

HunterLab(15.2546, 29.0226, -12.6131)	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(15.2546, 29.0226,
-12.6131)**

Conversions

Conversions Part 1

Format	Color
Hex	540046
RGB	84, 0, 70
RGB Percent	33%, 0%, 27%
CMY	0.6706, 1.0000, 0.7255
CMYK	0.00, 1.00, 0.17, 0.67
HSL	310°, 100%, 16%
HSV	310°, 100%, 33%
XYZ	4.7617, 2.3270, 5.9926
YIQ	33.0960, 27.5940, 39.5780

Conversions

Conversions Part 2

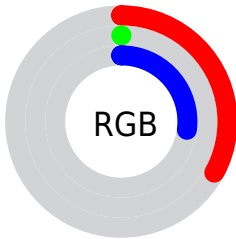
Format	Color
R_{YB}	84, 0, 70
Decimal	5505094
CIE _{Lab}	17.12, 41.57, -18.98
CIE _{LCh}	17, 45.698, 335.465
Yxy	2.3271, 0.3640, 0.1779
Android (android.graphics.Color)	4283695174 (0xFF540046)
YUV	33.0960, 18.1937, 44.6428
Hunter-Lab	15.2546, 29.0226, -12.6131

Details

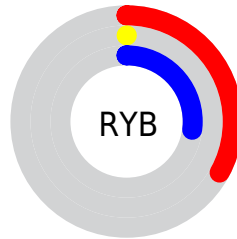
The HunterLab color **15.2546, 29.0226, -12.6131** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **25.2438, -21.1976, 14.2078**, and the grayscale version is **12.3018, -0.6564, 0.6684**.

A 20% lighter version of the original color is **31.1069, 32.5516, -13.5273**, and **6.8735, 12.9223, -4.4827** is the 20% darker color. If you saturate the color by 10%, you get **15.2546, 29.0226, -12.6127**, and if you desaturate by 10%, it is **15.8978, 27.1698, -12.2125**.

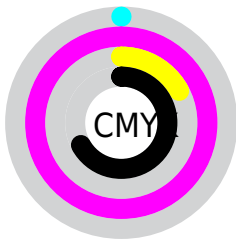
Distribution



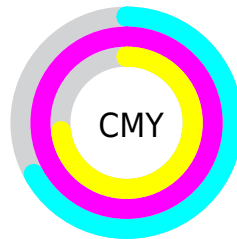
- Red (33%)
- Green (0%)
- Blue (27%)



- Red (33%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (17%)
- Black (67%)



- Cyan (67%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.2546, 29.0226, -12.6131 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 15.2546, 29.0226, -12.6131 by changing the saturation by 10% instead.

15.2546, 29.0226,
-12.6131

15.2546, 29.0226,
-12.6131

109.3443, 41.2622,
-14.7216

8.8771, 27.5259,
-12.2994

30.9868, 32.4962,
-13.5022

0.0000, INF, -NF

0.0000, NaN, NaN

40.1369, 34.0855,
-13.8707

0.0000, NaN, NaN

50.0439, 35.5520,
-14.1709

0.0000, NaN, NaN

0.0000, NaN, NaN

60.6536, 36.9001,
-14.4035

0.0000, NaN, NaN

71.9224, 38.1372,
-14.5712

0.0000, NaN, NaN

83.8138, 39.2715,

0.0000, NaN, NaN

-14.6778

96.2967, 40.3109,
-14.7268

15.2546, 29.0226,
-12.6131

15.2546, 29.0226,
-12.6131

15.2546, 29.0226,
-12.6127

15.8978, 27.1698,
-12.2125

16.6076, 25.2107,
-11.7048

17.5671, 22.6136,
-10.7647

18.7689, 19.5347,
-9.4628

20.1915, 16.1505,
-7.8927

■ 21.8098, 12.6069,
-6.1399

■ 23.5988, 9.0083,
-4.2719

■ 25.5357, 5.4208,
-2.3367

■ 27.6005, 1.8819,
-0.3664

Harmonies

Analogous

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



15.2550, 16.4516, -33.7082



15.2546, 29.0226, -12.6131



15.2550, 32.6509, 2.9151

Triad

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



15.2550, 29.0215, -12.6124



15.2550, -3.1107, 10.6785



15.2550, -16.2396, -20.2453

Complementary

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



15.2546, 29.0226, -12.6131



25.2438, -21.1976, 14.2078

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.



15.2550, -18.6141, -1.5977



15.2546, 29.0226, -12.6131



15.2550, -12.7237, 10.6785

Square

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



15.2550, 29.0215, -12.6124



15.2550, 10.9394, 10.6785



15.2550, -17.4949, 7.8150



15.2550, -9.8249, -40.1409

Rectangle

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



15.2546, 29.0226, -12.6131



15.2550, 28.7374, 7.9979



15.2550, -17.4949, 7.8150



15.2550, -17.4053, -13.2358

Sweetspot

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



15.2550, 29.0215, -12.6124



30.9338, 12.4036, -5.9091



8.5651, 22.1379, -52.3963



15.3434, 6.8979, -3.3163



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.



15.2550, 29.0215, -12.6124



20.1355, 38.2659, -16.3160



14.0314, 24.6249, 4.4341



13.8820, 0.7086, -0.0532



19.1474, 36.3948, -15.5672



45.8597, 86.9678, -35.7284

Inverse Universe

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



15.2550, 29.0215, -12.6124



20.1355, 38.2659, -16.3160



25.7416, -18.1130, 6.9267



13.8820, 0.7086, -0.0532



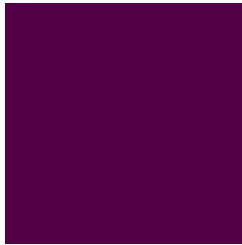
19.1474, 36.3948, -15.5672



45.8597, 86.9678, -35.7284

Previews

White Background



This preview shows how the HunterLab color 15.2546, 29.0226, -12.6131 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



This preview shows how the HunterLab color 15.2546, 29.0226, -12.6131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

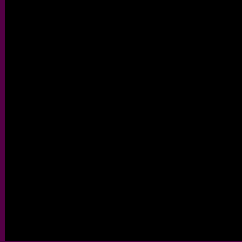
Any Text WCAG AA × Fail

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 15.2546, 29.0226, -12.6131 Background



This preview shows how black text looks on a background with the HunterLab color 15.2546, 29.0226, -12.6131.



This preview shows how white text looks on a background with the HunterLab color 15.2546, 29.0226, -12.6131.

-12.6131.

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

15.2546, 29.0226, -12.6131

Protanopia

16.4408, 3.8429, -28.8452

Deuteranopia

16.6694, 0.7804, -8.0476



Tritanopia

16.2009, 15.1173, 5.9936

Trichromacy



Original Color

15.2546, 29.0226, -12.6131

Protanomaly

13.5717, 11.5523, -29.8968

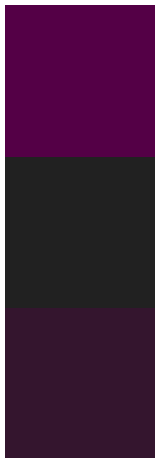
Deuteranomaly

14.4783, 11.9951, -12.6143

Tritanomaly

15.3746, 20.2807, 0.6396

Monochromacy



Original Color

15.2546, 29.0226, -12.6131

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.0981, 10.9555, -5.0207

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.2546, 29.0226, -12.6131 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(84, 0, 70)` looks like.

```
.text, #text, p{  
    color:rgb(84, 0, 70)  
}
```

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(84, 0, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 0, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 15.2546, 29.0226, -12.6131 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(84, 0, 70) }
```


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

```
.border{ border-color:rgb(84, 0, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 0, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 0, 70); -webkit-box-shadow:4px  
4px 4px 4px rgb(84, 0, 70); box-shadow:4px  
4px 4px 4px rgb(84, 0, 70) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.2546, 29.0226, -12.6131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 0, 70) }
```

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

```
.background{ background-color: rgb(84, 0,  
70) }
```

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