

Converting Colors

HunterLab(30.0136, 2.7768,
13.6082)

Have a look what the booklet for
HunterLab(30.0136, 2.7768,
13.6082) contains.

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Color

**HunterLab(29.9849, 2.8069,
13.6167)**

Conversions

Conversions Part 1

Format	Color
Hex	6A502D
RGB	106, 80, 45
RGB Percent	42%, 31%, 18%
CMY	0.5843, 0.6863, 0.8235
CMYK	0.00, 0.25, 0.58, 0.58
HSL	34°, 40%, 30%
HSV	34°, 58%, 42%
XYZ	9.2862, 8.9909, 3.7286
YIQ	83.7840, 26.7310, -5.3730

Conversions

Conversions Part 2

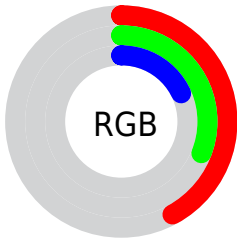
Format	Color
R_{YB}	90, 106, 45
Decimal	6967341
CIE _{Lab}	35.97, 6.29, 24.65
CIE _{LCh}	36, 25.441, 75.686
Y _{xy}	8.9914, 0.4220, 0.4086
Android (android.graphics.Color)	4285157421 (0xFF6A502D)
YUV	83.7840, -19.1205, 19.4834
Hunter-Lab	29.9849, 2.8069, 13.6167

Details

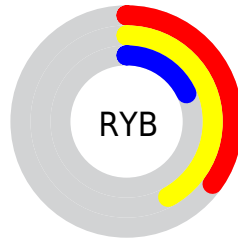
The HunterLab color $[29.9849, 2.8069, 13.6167]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[24.7078, -0.3481, -17.5019]$, and the grayscale version is $[29.7575, -1.5878, 1.6168]$.

A 20% lighter version of the original color is $[48.8305, 2.5716, 17.8401]$, and $[14.6000, 2.7925, 9.0454]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.7754, 4.1539, 14.6229]$, and if you desaturate by 10%, it is $[31.2531, 1.6150, 12.2852]$.

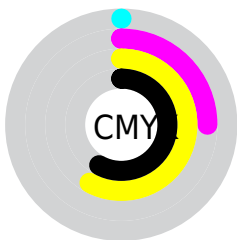
Distribution



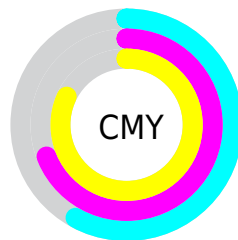
- Red (42%)
- Green (31%)
- Blue (18%)



- Red (35%)
- Yellow (42%)
- Blue (18%)



- Cyan (0%)
- Magenta (25%)
- Yellow (58%)
- Black (58%)



- Cyan (58%)
- Magenta (69%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9849, 2.8069, 13.6167 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 29.9849, 2.8069, 13.6167 by changing the saturation by 10% instead.

■ 29.9849, 2.8069,
13.6167

■ 29.9849, 2.8069,
13.6167

■ 135.3933, -0.0750,
31.2077

■ 21.7613, 2.8245,
11.2066

■ 48.8674, 2.5363,
17.9743

■ 14.4670, 2.7444,
9.3020

■ 59.3987, 2.3062,
20.0028

■ 8.1281, 2.9380,
5.6897

■ 70.5937, 2.0217,
21.9645

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.4151, 1.6877,
23.8753

0.0000, NaN, NaN

■ 94.8314, 1.3080,
25.7472

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.8153, 0.8859,

121.3429, 0.4242,
29.4073

■ 29.9849, 2.8069,
13.6167

■ 29.9849, 2.8069,
13.6167

■ 28.7754, 4.1539,
14.6229

■ 31.2531, 1.6150,
12.2852

■ 27.6255, 5.6589,
15.2903

■ 32.5745, 0.5796,
10.6443

■ 26.5386, 7.3146,
15.6151

■ 33.9467, -0.3058,
8.7137

■ 25.5104, 9.0743,
15.7046

■ 35.3665, -1.0476,
6.5137

■ 25.2644, 9.5060,
15.7342

■ 36.8311, -1.6536,
4.0643

■ 38.3376, -2.1316,
1.3848

■ 39.8834, -2.4897,
-1.5068

■ 41.4661, -2.7360,
-4.5936

■ 43.0836, -2.8781,
-7.8601

Harmonies

Analogous

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



29.9856, 11.4942, 11.1960



29.9849, 2.8069, 13.6167



29.9856, -6.1456, 13.5632

Triad

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



29.9856, 2.8056, 13.6170



29.9856, -16.5318, -3.1769



29.9856, 11.8366, -12.3233

Complementary

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



29.9849, 2.8069, 13.6167



24.7078, -0.3481, -17.5019

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.



29.9856, 3.2303, -18.9785



29.9849, 2.8069, 13.6167



29.9856, -12.7757, -12.7258

Square

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



29.9856, 2.8056, 13.6170



29.9856, -16.6170, 5.4295



29.9856, -5.7680, -19.1444



29.9856, 17.1107, -2.7375

Rectangle

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



29.9849, 2.8069, 13.6167



29.9856, -11.0581, 12.1740



29.9856, -5.7680, -19.1444



29.9856, 9.1949, -15.0873

Sweetspot

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



29.9856, 2.8056, 13.6170



46.8674, -1.3947, 8.6058



23.2412, 21.0282, -0.7052



22.5595, -0.6164, 4.3645



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



29.9856, 2.8056, 13.6170



37.5999, 6.1503, 19.7199



36.4943, -9.5750, 18.2864



18.3794, -0.7906, 2.2226



28.0246, 10.8422, 17.4584



61.8629, 27.4503, 38.6002

Inverse Universe

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



24.7078, -0.3481, -17.5019



29.2357, 1.6870, -30.4876



18.9001, 12.3509, -30.9129



17.9374, -1.0928, -0.3198



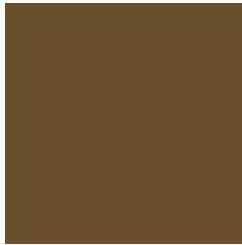
18.8995, 8.1878, -41.2980



40.6788, 22.8676, -100.2096

Previews

White Background



This preview shows how the HunterLab color 29.9849, 2.8069, 13.6167 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 29.9849, 2.8069, 13.6167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

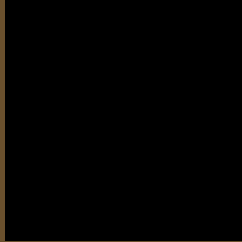
Any Text WCAG AA × Fail

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 29.9849, 2.8069, 13.6167 Background



This preview shows how black text looks on a background with the HunterLab color 29.9849, 2.8069, 13.6167.



This preview shows how white text looks on a background with the HunterLab color 29.9849, 2.8069,

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

29.9849, 2.8069, 13.6167

Protanopia

30.0489, -3.4249, 13.1497

Deuteranopia

30.0289, 1.6908, 13.6315



Tritanopia

30.0488, 9.2780, 2.9276

Trichromacy



Original Color

29.9849, 2.8069, 13.6167

Protanomaly

29.9674, -1.0778, 13.3330

Deuteranomaly

30.1290, 2.0273, 13.7154

Tritanomaly

29.8757, 6.9417, 7.3573

Monochromacy



Original Color

29.9849, 2.8069, 13.6167

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

29.8396, -0.7002, 6.8616

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.9849, 2.8069, 13.6167 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(106, 80, 45)` looks like.

```
.text, #text, p{  
    color:rgb(106, 80, 45)  
}
```

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(106, 80, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 80, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 29.9849, 2.8069, 13.6167 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(106, 80, 45) }
```


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

```
.border{ border-color:rgb(106, 80, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 80, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 80, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 80, 45);  
box-shadow:4px 4px 4px 4px rgb(106, 80,  
45) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.9849, 2.8069, 13.6167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 80, 45) }
```

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

```
.background{ background-color: rgb(106, 80,  
45) }
```

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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