

Converting Colors

HunterLab(28.6987, -6.7654,
9.0436)

Have a look what the booklet for
HunterLab(28.6987, -6.7654, 9.0436)
contains.

HunterLab(28.6233, -6.8101, 8.9476)	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(28.6233, -6.8101,
8.9476)**

Conversions

Conversions Part 1

Format	Color
Hex	4C543B
RGB	76, 84, 59
RGB Percent	30%, 33%, 23%
CMY	0.7020, 0.6706, 0.7686
CMYK	0.10, 0.00, 0.30, 0.67
HSL	79°, 17%, 28%
HSV	79°, 30%, 33%
XYZ	6.9403, 8.1929, 5.3533
YIQ	78.7580, 3.2570, -9.4710

Conversions

Conversions Part 2

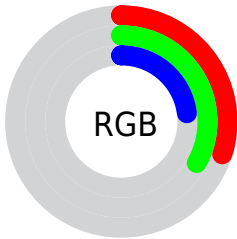
Format	Color
R_{YB}	59, 84, 67
Decimal	5002299
CIE _{Lab}	34.38, -8.18, 13.60
CIE _{LCh}	34, 15.866, 121.024
Yxy	8.1933, 0.3388, 0.3999
Android (android.graphics.Color)	4283192379 (0xFF4C543B)
YUV	78.7580, -9.7407, -2.4188
Hunter-Lab	28.6233, -6.8101, 8.9476

Details

The HunterLab color **28.6233, -6.8101, 8.9476** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **22.2745, 4.9284, -8.5153**, and the grayscale version is **27.9085, -1.4891, 1.5163**.

A 20% lighter version of the original color is **47.3822, -9.1412, 11.9742**, and **13.4111, -4.5381, 5.8399** is the 20% darker color. If you saturate the color by 10%, you get **28.2934, -8.3126, 10.8219**, and if you desaturate by 10%, it is **28.9828, -5.1795, 6.7759**.

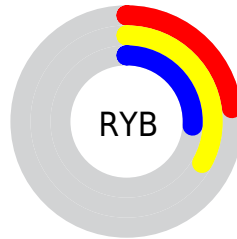
Distribution



 Red (30%)

 Green (33%)

 Blue (23%)



 Red (23%)

 Yellow (33%)

 Blue (26%)

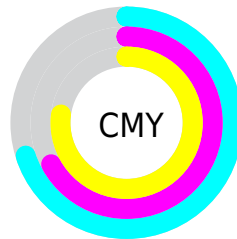


 Cyan (10%)

 Magenta (0%)

 Yellow (30%)

 Black (67%)



 Cyan (70%)

 Magenta (67%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.6233, -6.8101, 8.9476 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 28.6233, -6.8101, 8.9476 by changing the saturation by 10% instead.

■ 28.6233, -6.8101,
8.9476

■ 28.6233, -6.8101,
8.9476

133.1316,
-16.1449, 20.9325

■ 20.5399, -5.7814,
7.4682

■ 47.2615, -8.8351,
11.7222

■ 13.4043, -4.7156,
5.9194

■ 57.6837, -9.8481,
13.0600

■ 6.9652, -5.4879,
4.8756

■ 68.7761, -10.8681,
14.3811

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.5005, -11.8978,
15.6929

0.0000, NaN, NaN

■ 92.8243, -12.9393,
17.0006

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.7199,

-13.9937, 18.3080

0.0000, NaN, NaN

119.1628,
-15.0620, 19.6179

■ 28.6233, -6.8101,
8.9476

■ 28.6233, -6.8101,
8.9476

■ 28.2934, -8.3126,
10.8219

■ 28.9828, -5.1795,
6.7759

■ 27.9911, -9.6827,
12.3987

■ 29.3702, -3.4221,
4.3080

■ 27.7163, -10.9201,
13.6824

■ 29.7861, -1.5428,
1.5490

■ 27.4685, -12.0258,
14.6811

■ 30.2303, 0.4532,
-1.4942

■ 27.2465, -13.0025,
15.4076

■ 30.7025, 2.5605,
-4.8131

■ 27.0489, -13.8567,
15.8835

■ 31.2024, 4.7729,
-8.3976

■ 26.8638, -14.6571,
16.2841

■ 31.7295, 7.0841,
-12.2366

■ 26.8595, -14.6758,
16.2937

■ 32.2831, 9.4879,
-16.3185

■ 32.8629, 11.9779,
-20.6308

Harmonies

Analogous

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



28.6239, -1.7188, 9.9457



28.6233, -6.8101, 8.9476



28.6239, -10.2582, 6.0422

Triad

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



28.6239, -6.8108, 8.9479



28.6239, -6.5051, -8.7908



28.6239, 9.9101, 1.7384

Complementary

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



28.6233, -6.8101, 8.9476



22.2745, 4.9284, -8.5153

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.



28.6239, 8.3909, -3.7941



28.6233, -6.8101, 8.9476



28.6239, -1.3384, -10.5274

Square

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



28.6239, -6.8108, 8.9479



28.6239, -10.0913, -4.1673



28.6239, 4.1663, -8.5482



28.6239, 8.1759, 6.3009

Rectangle

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



28.6233, -6.8101, 8.9476



28.6239, -11.3023, 3.0933



28.6239, 4.1663, -8.5482



28.6239, 9.7621, -0.0672

Sweetspot

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



28.6239, -6.8108, 8.9479



38.8416, -4.4142, 5.5374



24.9104, 2.6118, 5.5469



19.6353, -2.3509, 2.9704



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.



28.6239, -6.8108, 8.9479



37.5009, -10.5034, 13.7169



27.8081, -9.8461, 8.1406



14.6456, -1.6059, 2.0038



33.6967, -18.6524, 20.4372



80.6154, -46.0242, 48.8691

Inverse Universe

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



22.2745, 4.9284, -8.5153



27.1126, 8.8246, -15.1803



23.3418, 8.2753, -6.7780



13.7005, 0.1263, -0.5551



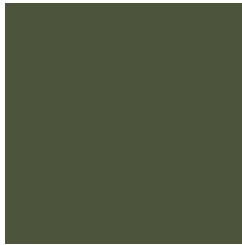
11.5831, 28.5618, -60.1520



27.0103, 67.8361, -149.8323

Previews

White Background



This preview shows how the HunterLab color 28.6233, -6.8101, 8.9476 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 28.6233, -6.8101, 8.9476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

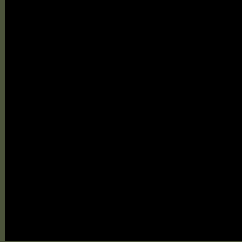
Any Text WCAG AA × Fail

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 28.6233, -6.8101, 8.9476 Background



This preview shows how black text looks on a background with the HunterLab color 28.6233, -6.8101, 8.9476.

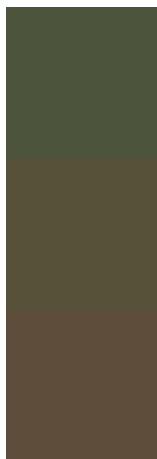


This preview shows how white text looks on a background with the HunterLab color 28.6233, -6.8101, 8.9476.

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

28.6233, -6.8101, 8.9476

Protanopia

28.6646, -2.6082, 9.3375

Deuteranopia

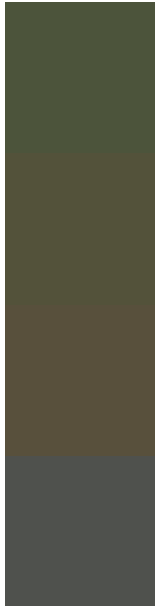
28.4023, 1.7602, 8.6081



Tritanopia

28.5148, -0.4649, -1.1859

Trichromacy



Original Color

28.6233, -6.8101, 8.9476

Protanomaly

28.5991, -4.1843, 9.2506

Deuteranomaly

28.5277, -1.6889, 8.6642

Tritanomaly

28.4305, -2.6245, 2.8306

Monochromacy



Original Color

28.6233, -6.8101, 8.9476

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

28.2355, -3.5535, 4.4625

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.6233, -6.8101, 8.9476 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(76, 84, 59)` looks like.

```
.text, #text, p{  
    color:rgb(76, 84, 59)  
}
```

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(76, 84, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 84, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 28.6233, -6.8101, 8.9476 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(76, 84, 59) }
```


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

```
.border{ border-color:rgb(76, 84, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 84, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 84, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 84, 59);  
box-shadow:4px 4px 4px 4px rgb(76, 84, 59)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.6233, -6.8101, 8.9476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 84, 59) }
```

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

```
.background{ background-color: rgb(76, 84,  
59) }
```

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