

Converting Colors

HunterLab(28.6184, 0.3880,
15.2331)

Have a look what the booklet for
HunterLab(28.6184, 0.3880,
15.2331) contains.

HunterLab(28.6184, 0.3880, 15.2331)	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(28.6184, 0.3880,
15.2331)**

Conversions

Conversions Part 1

Format	Color
Hex	634E1D
RGB	99, 78, 29
RGB Percent	39%, 31%, 11%
CMY	0.6118, 0.6941, 0.8863
CMYK	0.00, 0.21, 0.71, 0.61
HSL	42°, 55%, 25%
HSV	42°, 71%, 39%
XYZ	8.0917, 8.1901, 2.3168
YIQ	78.6930, 28.2450, -10.7870

Conversions

Conversions Part 2

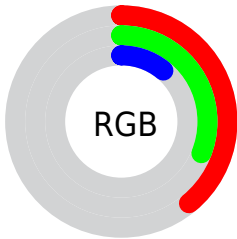
Format	Color
R _Y B	59, 99, 29
Decimal	6508061
CIE Lab	34.38, 2.82, 31.43
CIE LCh	34, 31.560, 84.877
Yxy	8.1905, 0.4351, 0.4404
Android (android.graphics.Color)	4284698141 (0xFF634E1D)
YUV	78.6930, -24.4986, 17.8092
Hunter-Lab	28.6184, 0.3880, 15.2331




Details

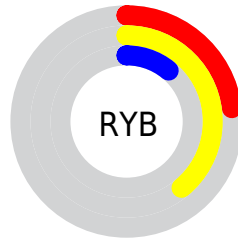
The HunterLab color **28.6184, 0.3880, 15.2331** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **18.5558, 5.0383, -26.1953**, and the grayscale version is **27.9302, -1.4903, 1.5175**.




A 20% lighter version of the original color is **47.2886, -0.4356, 20.7854**, and **13.4988, 1.3354, 8.3412** is the 20% darker color. If you saturate the color by 10%, you get **27.8148, 1.2664, 15.8386**, and if you desaturate by 10%, it is **29.4605, -0.3546, 14.3015**.

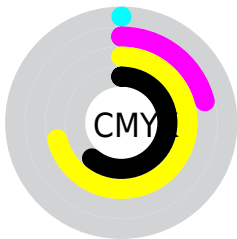
Distribution







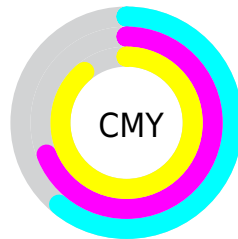
-  Red (39%)
-  Green (31%)
-  Blue (11%)






-  Red (23%)
-  Yellow (39%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (21%)
-  Yellow (71%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (69%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.6184, 0.3880, 15.2331 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 28.6184, 0.3880, 15.2331 by changing the saturation by 10% instead.

■ 28.6184, 0.3880,
15.2331

■ 28.6184, 0.3880,
15.2331

■ 133.1236, -3.9394,
36.5708

■ 20.5356, 0.6234,
12.2364

■ 47.2558, -0.2685,
20.6699

■ 13.4005, 0.7843,
9.3804

■ 57.6776, -0.6730,
23.1646

■ 6.9607, 1.3926,
4.8725

■ 68.7696, -1.1223,
25.5556

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.4936, -1.6130,
27.8652

0.0000, NaN, NaN

■ 92.8172, -2.1422,
30.1101

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.7124, -2.7077,

■ 119.1550, -3.3073,
34.4541

■ 28.6184, 0.3880,
15.2331

■ 28.6184, 0.3880,
15.2331

■ 27.8148, 1.2664,
15.8386

■ 29.4605, -0.3546,
14.3015

■ 27.0476, 2.2777,
16.1273

■ 30.3387, -0.9550,
13.0421

■ 26.3558, 3.2664,
16.2975

■ 31.2529, -1.4141,
11.4603

■ 32.2020, -1.7339,
9.5651

■ 33.1850, -1.9176,
7.3682

■ 34.2008, -1.9695,
4.8829

■ 35.2479, -1.8947,
2.1237

■ 36.3253, -1.6985,
-0.8947

■ 37.4315, -1.3867,
-4.1576

Harmonies

Analogous

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



28.6191, 11.6993, 13.6199



28.6184, 0.3880, 15.2331



28.6191, -9.9013, 14.4679

Triad

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



28.6191, 0.3867, 15.2334



28.6191, -18.3145, -8.2753



28.6191, 17.9282, -12.6208

Complementary

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



28.6184, 0.3880, 15.2331



18.5558, 5.0383, -26.1953

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.



28.6191, 7.9332, -23.3985



28.6184, 0.3880, 15.2331



28.6191, -12.7193, -20.2957

Square

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



28.6191, 0.3867, 15.2334



28.6191, -19.7103, 3.2986



28.6191, -3.3948, -26.6373



28.6191, 22.7584, -0.2997

Rectangle

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



28.6184, 0.3880, 15.2331



28.6191, -14.9873, 12.4702



28.6191, -3.3948, -26.6373



28.6191, 14.9941, -16.7042

Sweetspot

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



28.6191, 0.3867, 15.2334



43.3476, -2.4972, 9.9233



19.3952, 22.7572, 3.1246



21.0197, -1.2014, 5.1008



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



28.6191, 0.3867, 15.2334



35.7503, 2.5308, 21.0424



33.0812, -12.4057, 18.0838



16.8850, -0.9648, 2.1564



29.9738, 3.9462, 18.5388



68.1203, 11.2806, 42.1729

Inverse Universe

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



18.5558, 5.0383, -26.1953



20.2694, 11.6088, -46.5400



15.1436, 16.9679, -36.5877



16.2022, -0.7534, -0.4412



15.1618, 14.6492, -50.5743



33.0082, 39.5459, -126.6257

Previews

White Background



This preview shows how the HunterLab color 28.6184, 0.3880, 15.2331 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 28.6184, 0.3880, 15.2331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

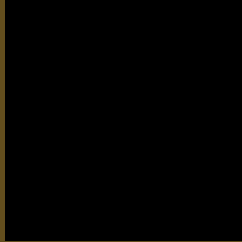
Any Text WCAG AA × Fail

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 28.6184, 0.3880, 15.2331 Background



This preview shows how black text looks on a background with the HunterLab color 28.6184, 0.3880, 15.2331.



This preview shows how white text looks on a background with the HunterLab color 28.6184, 0.3880,

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

28.6184, 0.3880, 15.2331

Protanopia

28.6404, -3.4325, 15.0453

Deuteranopia

28.5713, 1.4955, 15.2195



Tritanopia

28.6586, 8.3164, 2.5014

Trichromacy



Original Color

28.6184, 0.3880, 15.2331

Protanomaly

28.6544, -2.0598, 15.0791

Deuteranomaly

28.4707, 1.1557, 15.1430

Tritanomaly

28.6249, 5.0178, 8.5820

Monochromacy



Original Color

28.6184, 0.3880, 15.2331

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

28.1200, -1.7535, 7.9881

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.6184, 0.3880, 15.2331 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(99, 78, 29)` looks like.

```
.text, #text, p{  
    color:rgb(99, 78, 29)  
}
```

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(99, 78, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 78, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 28.6184, 0.3880, 15.2331 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(99, 78, 29) }
```


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

```
.border{ border-color:rgb(99, 78, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 78, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 78, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 78, 29);  
box-shadow:4px 4px 4px 4px rgb(99, 78, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.6184, 0.3880, 15.2331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 78, 29) }
```

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

```
.background{ background-color: rgb(99, 78,  
29) }
```

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