

Converting Colors

HunterLab(42.8401, 36.0246,
27.0285)

Have a look what the booklet for
HunterLab(42.8401, 36.0246,
27.0285) contains.

HunterLab(42.8119, 36.1787, 27.0139)	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(42.8119, 36.1787,
27.0139)**

Conversions

Conversions Part 1

Format	Color
Hex	C75300
RGB	199, 83, 0
RGB Percent	78%, 33%, 0%
CMY	0.2196, 0.6745, 1.0000
CMYK	0.00, 0.58, 1.00, 0.22
HSL	25°, 100%, 39%
HSV	25°, 100%, 78%
XYZ	26.6464, 18.3286, 2.1333
YIQ	108.2220, 95.7790, -1.2210

Conversions

Conversions Part 2

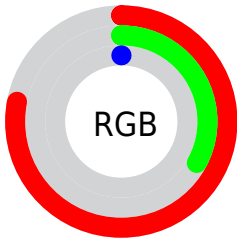
Format	Color
RYB	199, 142, 0
Decimal	13062912
CIELab	49.89, 43.22, 59.69
CIElCh	50, 73.694, 54.092
Yxy	18.3296, 0.5656, 0.3891
Android (android.graphics.Color)	4291252992 (0xFFC75300)
YUV	108.2220, -53.3534, 79.6123
Hunter-Lab	42.8119, 36.1787, 27.0139

Details

The HunterLab color **42.8119, 36.1787, 27.0139** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **40.7592, 1.1657, -53.4615**, and the grayscale version is **38.9816, -2.0800, 2.1179**.

A 20% lighter version of the original color is **62.6141, 35.4923, 35.0234**, and **24.9938, 33.2548, 15.9833** is the 20% darker color. If you saturate the color by 10%, you get **42.8128, 36.1759, 27.0144**, and if you desaturate by 10%, it is **45.0621, 31.0063, 27.4450**.

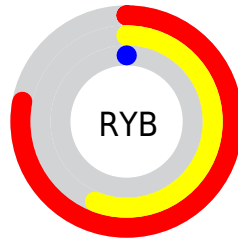
Distribution



Red (78%)

Green (33%)

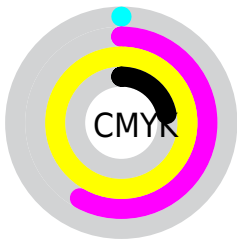
Blue (0%)



Red (78%)

Yellow (56%)

Blue (0%)

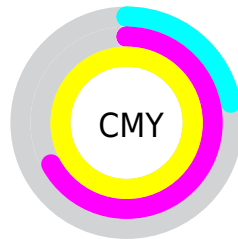


Cyan (0%)

Magenta (58%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8119, 36.1787, 27.0139 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 42.8119, 36.1787, 27.0139 by changing the saturation by 10% instead.

42.8119, 36.1787,
27.0139

42.8119, 36.1787,
27.0139

155.7955, 46.0338,
61.7079

33.4468, 34.5602,
22.2859

63.7167, 39.0476,
35.8520

24.8851, 32.8312,
17.4196

75.1617, 40.3165,
39.9545

17.2122, 31.0279,
12.0485

87.2202, 41.4839,
43.8855

10.5463, 29.3121,
7.3824

99.8623, 42.5573,
47.6698

0.0000, INF, NaN

0.0000, NaN, NaN

113.0623, 43.5432,
51.3283


0.0000, NaN, NaN


126.7976, 44.4478,


0.0000, NaN, NaN


54.8782


0.0000, NaN, NaN


 141.0480, 45.2764,
58.3341


 42.8119, 36.1787,
27.0139


 42.8119, 36.1787,
27.0139


 42.8128, 36.1759,
27.0144

 45.0621, 31.0063,
27.4450

 47.5862, 25.9106,
27.2966

 50.3748, 21.0398,
26.4258

 53.4066, 16.4659,
24.8569

 56.6599, 12.2257,
22.6430

■ 60.1136, 8.3306,
19.8486

■ 63.7484, 4.7753,
16.5393

■ 67.5466, 1.5442,
12.7765

■ 71.4927, -1.3838,
8.6157

Harmonies

Analogous

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



42.8131, 62.5190, 18.9853



42.8119, 36.1787, 27.0139



42.8131, 3.6898, 28.7376

Triad

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



42.8131, 36.1751, 27.0144



42.8131, -45.2602, 7.5051



42.8131, 23.3239, -81.5831

Complementary

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



42.8119, 36.1787, 27.0139



40.7592, 1.1657, -53.4615

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.



42.8131, -7.9523, -93.1114



42.8119, 36.1787, 27.0139



42.8131, -42.6410, -25.9513

Square

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



42.8131, 36.1751, 27.0144



42.8131, -39.1318, 23.3958



42.8131, -30.6564, -68.1295



42.8131, 53.8067, -42.7357

Rectangle

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



42.8119, 36.1787, 27.0139



42.8131, -15.2017, 28.5595



42.8131, -30.6564, -68.1295



42.8131, 12.3677, -89.5387

Sweetspot

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



42.8131, 36.1751, 27.0144



84.1368, 6.5174, 22.0920



36.6128, 66.1493, -3.0799



37.9627, 3.9252, 11.1182

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.8131, 36.1751, 27.0144



56.2524, 48.8952, 35.5184



67.6525, -11.8861, 41.4790



33.6923, -0.7303, 3.9202



34.5699, 28.4009, 21.7990



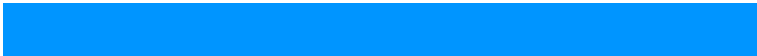
8.4159, 4.0730, 5.2571

Inverse Universe

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



40.7592, 1.1657, -53.4615



53.4788, 2.3394, -71.8938



21.2407, 51.0911, -136.8394



33.6115, -2.7306, -0.3588



32.9527, 0.4688, -42.2001



8.0925, -1.4007, -7.0911

Previews

White Background



This preview shows how the HunterLab color 42.8119, 36.1787, 27.0139 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 × Fail

Black Background



This preview shows how the HunterLab color 42.8119, 36.1787, 27.0139 looks on a black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.8119, 36.1787, 27.0139 Background



This preview shows how black text looks on a background with the HunterLab color 42.8119, 36.1787, 27.0139.



This preview shows how white text looks on a background with the HunterLab color 42.8119, 36.1787,

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

42.8119, 36.1787, 27.0139

Protanopia

43.1635, -5.9544, 25.6466

Deuteranopia

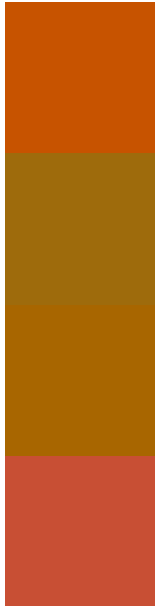
42.8831, 2.6583, 26.4709



Tritanopia

42.8188, 42.8934, 16.0823

Trichromacy



Original Color

42.8119, 36.1787, 27.0139

Protanomaly

42.2031, 8.3018, 25.6621

Deuteranomaly

42.2227, 14.4660, 26.2707

Tritanomaly

42.5667, 39.7169, 22.3995

Monochromacy



Original Color

42.8119, 36.1787, 27.0139

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

38.7506, 8.2864, 15.4085

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.8119, 36.1787, 27.0139 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(199, 83, 0)` looks like.

```
.text, #text, p{  
    color:rgb(199, 83, 0)  
}
```

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(199, 83, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 83, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 42.8119, 36.1787, 27.0139 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(199, 83, 0) }
```


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

```
.border{ border-color:rgb(199, 83, 0) }
```

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

Here you see how a box with a 4 pixel rgb(199, 83, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 83, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 83, 0);  
box-shadow:4px 4px 4px 4px rgb(199, 83, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 42.8119, 36.1787, 27.0139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 83, 0) }
```

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

```
.background{ background-color: rgb(199, 83,  
0) }
```

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