

Converting Colors

HunterLab(42.7924, 49.3462,
27.2324)

Have a look what the booklet for
HunterLab(42.7924, 49.3462,
27.2324) contains.

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Color

**HunterLab(42.7907, 49.1703,
27.2282)**

Conversions

Conversions Part 1

Format	Color
Hex	D64300
RGB	214, 67, 0
RGB Percent	84%, 26%, 0%
CMY	0.1608, 0.7372, 1.0000
CMYK	0.00, 0.69, 1.00, 0.16
HSL	19°, 100%, 42%
HSV	19°, 100%, 84%
XYZ	29.7387, 18.3104, 1.9669
YIQ	103.3150, 109.1190, 10.3270

Conversions

Conversions Part 2

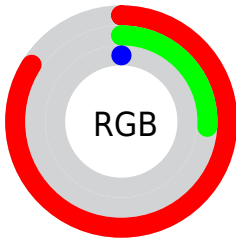
Format	Color
RYB	214, 98, 0
Decimal	14041856
CIELab	49.87, 55.51, 61.09
CIElCh	50, 82.547, 47.740
Yxy	18.3115, 0.5946, 0.3661
Android (android.graphics.Color)	4292231936 (0xFFD64300)
YUV	103.3150, -50.9343, 97.0707
Hunter-Lab	42.7907, 49.1703, 27.2282

Details

The HunterLab color **42.7907, 49.1703, 27.2282** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **50.7152, -9.3123, -43.2867**, and the grayscale version is **37.1066, -1.9799, 2.0161**.

A 20% lighter version of the original color is **59.7931, 42.0551, 33.3415**, and **25.4638, 43.6075, 16.4541** is the 20% darker color. If you saturate the color by 10%, you get **42.7916, 49.1670, 27.2287**, and if you desaturate by 10%, it is **45.1027, 43.2263, 27.5901**.

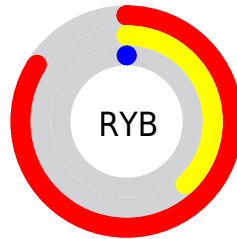
Distribution



Red (84%)

Green (26%)

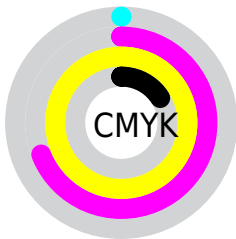
Blue (0%)



Red (84%)

Yellow (38%)

Blue (0%)

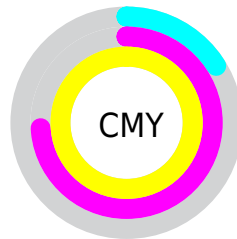


Cyan (0%)

Magenta (69%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (74%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.7907, 49.1703, 27.2282 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 42.7907, 49.1703, 27.2282 by changing the saturation by 10% instead.

42.7907, 49.1703,
27.2282

42.7907, 49.1703,
27.2282

155.7630, 62.7468,
62.6472

33.4274, 47.1673,
22.4503

63.6926, 52.8746,
36.2527

24.8675, 45.1179,
17.4072

75.1362, 54.5701,
40.4432

17.1966, 43.1382,
12.0376

87.1934, 56.1622,
44.4583

10.5330, 41.6138,
7.3731

99.8343, 57.6556,
48.3227

0.0000, INF, NaN

0.0000, INF, NaN

113.0331, 59.0556,
52.0576


0.0000, NaN, NaN


126.7672, 60.3675,


0.0000, NaN, NaN


55.6806


0.0000, NaN, NaN


 141.0165, 61.5964,
59.2063


 42.7907, 49.1703,
27.2282


 42.7907, 49.1703,
27.2282


 42.7916, 49.1670,
27.2287

 45.1027, 43.2263,
27.5901

 47.8638, 37.0089,
27.3336

 51.0499, 30.8008,
26.3271

 54.6204, 24.7793,
24.6245

 58.5338, 19.0514,
22.3111

■ 62.7505, 13.6700,
19.4782

■ 67.2349, 8.6506,
16.2098

■ 71.9558, 3.9851,
12.5785

■ 76.8862, -0.3480,
8.6439

Harmonies

Analogous

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



42.7920, 76.2660, 16.9182



42.7907, 49.1703, 27.2282



42.7920, 12.0080, 29.4389

Triad

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



42.7920, 49.1660, 27.2288



42.7920, -48.2480, 13.2478



42.7920, 18.7675, -103.9225

Complementary

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



42.7907, 49.1703, 27.2282



50.7152, -9.3123, -43.2867

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.



42.7920, -14.9189, -108.2360



42.7907, 49.1703, 27.2282



42.7920, -47.4370, -20.3886

Square

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



42.7920, 49.1660, 27.2288



42.7920, -39.7889, 26.2637



42.7920, -37.0858, -70.5311



42.7920, 55.3848, -61.2049

Rectangle

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



42.7907, 49.1703, 27.2282



42.7920, -10.4837, 29.5484



42.7920, -37.0858, -70.5311



42.7920, 6.5803, -110.6633

Sweetspot

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



42.7920, 49.1660, 27.2288



81.8222, 10.7274, 19.8946



40.6100, 74.9516, -15.6681



36.7618, 6.1466, 10.0139

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.7920, 49.1660, 27.2288



51.9372, 60.6657, 33.0655



65.9527, -0.8459, 40.6248



36.1233, -0.2753, 3.9359



33.5154, 37.5223, 21.3089



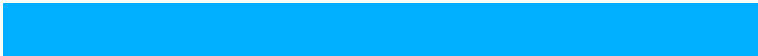
9.0770, 6.9732, 5.7153

Inverse Universe

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



50.7152, -9.3123, -43.2867



61.5956, -10.9720, -53.3037



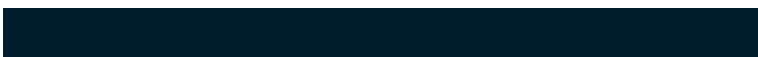
25.6291, 45.6510, -130.5810



36.6351, -3.4555, -0.0425



39.6733, -7.6132, -33.1534



10.4607, -2.9295, -6.7510

Previews

White Background



This preview shows how the HunterLab color 42.7907, 49.1703, 27.2282 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 42.7907, 49.1703, 27.2282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

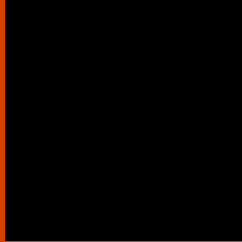
Any Text WCAG AA ✓ Pass

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 42.7907, 49.1703, 27.2282 Background



This preview shows how black text looks on a background with the HunterLab color 42.7907, 49.1703, 27.2282.



This preview shows how white text looks on a background with the HunterLab color 42.7907, 49.1703,

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

42.7907, 49.1703, 27.2282

Protanopia

43.0850, -6.2000, 25.3247

Deuteranopia

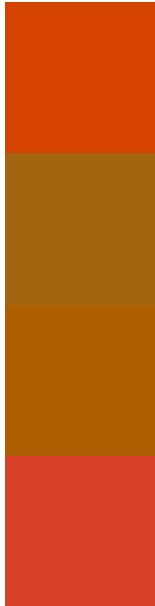
42.8831, 2.6583, 26.4709



Tritanopia

42.7481, 53.3872, 20.3396

Trichromacy



Original Color

42.7907, 49.1703, 27.2282

Protanomaly

41.3864, 13.1617, 25.0851

Deuteranomaly

41.6706, 19.7666, 26.0233

Tritanomaly

42.7481, 51.5369, 24.3338

Monochromacy



Original Color

42.7907, 49.1703, 27.2282

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.8040, 13.0345, 14.6033

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.7907, 49.1703, 27.2282 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(214, 67, 0)` looks like.

```
.text, #text, p{  
    color:rgb(214, 67, 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(214, 67, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 67, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 42.7907, 49.1703, 27.2282 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(214, 67, 0) }
```


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

```
.border{ border-color:rgb(214, 67, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 67, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 67, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 67, 0);  
box-shadow:4px 4px 4px 4px rgb(214, 67, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 42.7907, 49.1703, 27.2282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 67, 0) }
```

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

```
.background{ background-color: rgb(214, 67,  
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](#).

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