

Converting Colors

HunterLab(41.5875, 41.2046,
27.8056)

Have a look what the booklet for
HunterLab(41.5875, 41.2046,
27.8056) contains.

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Color

**HunterLab(41.6193, 41.8494,
26.3782)**

Conversions

Conversions Part 1

Format	Color
Hex	CA4900
RGB	202, 73, 0
RGB Percent	79%, 29%, 0%
CMY	0.2078, 0.7137, 1.0000
CMYK	0.00, 0.64, 1.00, 0.21
HSL	22°, 100%, 40%
HSV	22°, 100%, 79%
XYZ	26.7397, 17.3217, 1.9341
YIQ	103.2490, 100.3170, 4.6450

Conversions

Conversions Part 2

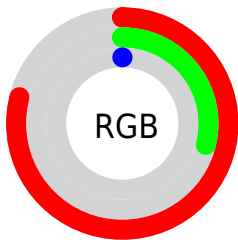
Format	Color
R_{YB}	202, 114, 0
Decimal	13256960
CIE Lab	48.66, 48.90, 59.30
CIE LCh	49, 76.865, 50.491
Yxy	17.3227, 0.5813, 0.3766
Android (android.graphics.Color)	4291447040 (0xFFCA4900)
YUV	103.2490, -50.9018, 86.6046
Hunter-Lab	41.6193, 41.8494, 26.3782

Details

The HunterLab color **41.6193, 41.8494, 26.3782** 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 **44.6807, -4.2421, -46.6890**, and the grayscale version is **37.0836, -1.9787, 2.0148**.

A 20% lighter version of the original color is **60.6255, 39.9983, 34.0109**, and **23.9339, 38.4174, 15.4205** is the 20% darker color. If you saturate the color by 10%, you get **41.6200, 41.8468, 26.3787**, and if you desaturate by 10%, it is **43.8732, 36.3496, 26.7635**.

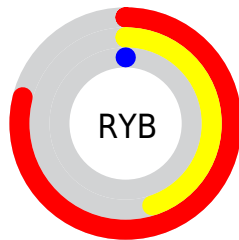
Distribution



Red (79%)

Green (29%)

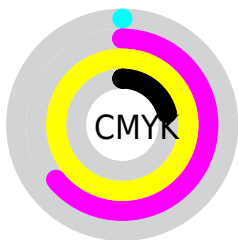
Blue (0%)



Red (79%)

Yellow (45%)

Blue (0%)

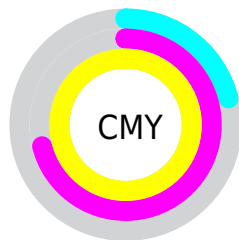


Cyan (0%)

Magenta (64%)

Yellow (100%)

Black (21%)



Cyan (21%)

Magenta (71%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.6193, 41.8494, 26.3782 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 41.6193, 41.8494, 26.3782 by changing the saturation by 10% instead.

41.6193, 41.8494,
26.3782

41.6193, 41.8494,
26.3782

153.9562, 53.5761,
61.0364

32.3494, 40.0270,
21.7016

62.3536, 45.1503,
35.2222

23.8919, 38.1229,
16.7243

73.7209, 46.6360,
39.3234

16.3355, 36.2172,
11.4348

85.7056, 48.0174,
43.2509

9.8041, 34.6072,
6.8629

98.2775, 49.3010,
47.0300

0.0000, INF, NaN

0.0000, INF, NaN

111.4102, 50.4930,
50.6818


0.0000, NaN, NaN


125.0808, 51.5994,


0.0000, NaN, NaN


54.2242


0.0000, NaN, NaN


 139.2688, 52.6255,
57.6716


 41.6193, 41.8494,
26.3782


 41.6193, 41.8494,
26.3782


 41.6200, 41.8468,
26.3787

 43.8732, 36.3496,
26.7635

 46.4754, 30.7810,
26.5695

 49.4094, 25.3477,
25.6586

 52.6453, 20.1633,
24.0689

 56.1529, 15.2919,
21.8679

■ 59.9033, 10.7608,
19.1315

■ 63.8703, 6.5726,
15.9327

■ 68.0306, 2.7144,
12.3375

■ 72.3639, -0.8351,
8.4022

Harmonies

Analogous

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



41.6205, 67.8538, 17.4021



41.6193, 41.8494, 26.3782



41.6205, 7.8743, 28.3282

Triad

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



41.6205, 41.8455, 26.3787



41.6205, -45.5897, 10.4403



41.6205, 20.2652, -90.6471

Complementary

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



41.6193, 41.8494, 26.3782



44.6807, -4.2421, -46.6890

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.



41.6205, -11.4410, -98.2591



41.6193, 41.8494, 26.3782



41.6205, -44.0271, -22.2613

Square

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



41.6205, 41.8455, 26.3787



41.6205, -38.3855, 24.3807



41.6205, -33.2500, -67.4606



41.6205, 53.1192, -50.8647

Rectangle

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



41.6193, 41.8494, 26.3782



41.6205, -12.3350, 28.3054



41.6205, -33.2500, -67.4606



41.6205, 8.9573, -97.7928

Sweetspot

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



41.6205, 41.8455, 26.3787



82.8906, 8.7687, 20.9144



37.6874, 68.9099, -9.5204



37.3154, 5.1130, 10.5260

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.6205, 41.8455, 26.3787



53.7979, 55.4314, 34.1204



64.7669, -5.7120, 39.8089



34.4475, -0.4921, 3.8694



33.6180, 32.9425, 21.2920



8.5218, 5.2638, 5.3432

Inverse Universe

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



44.6807, -4.2421, -46.6890



57.7558, -4.8974, -61.6176



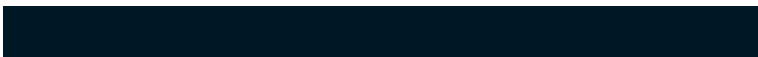
22.8216, 47.1364, -130.2782



34.6677, -3.0574, -0.1898



36.0836, -3.7934, -36.9126



9.0140, -2.1231, -6.6837

Previews

White Background



This preview shows how the HunterLab color 41.6193, 41.8494, 26.3782 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 41.6193, 41.8494, 26.3782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 41.6193, 41.8494, 26.3782 Background



This preview shows how black text looks on a background with the HunterLab color 41.6193, 41.8494, 26.3782.



This preview shows how white text looks on a background with the HunterLab color 41.6193, 41.8494,

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

41.6193, 41.8494, 26.3782

Protanopia

41.9548, -5.9571, 24.7454

Deuteranopia

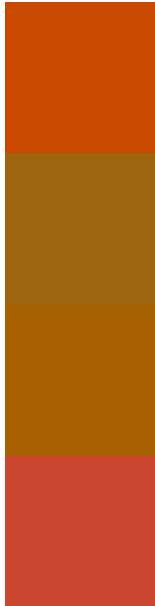
41.6592, 2.5449, 25.7148



Tritanopia

41.5916, 46.8055, 17.7082

Trichromacy



Original Color

41.6193, 41.8494, 26.3782

Protanomaly

40.6258, 10.7650, 24.6662

Deuteranomaly

40.9449, 16.4567, 25.5182

Tritanomaly

41.5621, 44.5649, 22.7033

Monochromacy



Original Color

41.6193, 41.8494, 26.3782

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.7921, 10.6094, 14.5509

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.6193, 41.8494, 26.3782 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(202, 73, 0)` looks like.

```
.text, #text, p{  
    color:rgb(202, 73, 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(202, 73, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 73, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 41.6193, 41.8494, 26.3782 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(202, 73, 0) }
```


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

```
.border{ border-color:rgb(202, 73, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 73, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 73, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 73, 0);  
box-shadow:4px 4px 4px 4px rgb(202, 73, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 41.6193, 41.8494, 26.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 73, 0) }
```

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

```
.background{ background-color: rgb(202, 73,  
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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