

Converting Colors

HunterLab(46.4771, 43.6799,
29.4037)

Have a look what the booklet for
HunterLab(46.4771, 43.6799,
29.4037) contains.

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Color

**HunterLab(46.4296, 43.5491,
29.3721)**

Conversions

Conversions Part 1

Format	Color
Hex	DB5500
RGB	219, 85, 0
RGB Percent	86%, 33%, 0%
CMY	0.1412, 0.6666, 1.0000
CMYK	0.00, 0.61, 1.00, 0.14
HSL	23°, 100%, 43%
HSV	23°, 100%, 86%
XYZ	32.4619, 21.5571, 2.4500
YIQ	115.3760, 107.1490, 1.9730

Conversions

Conversions Part 2

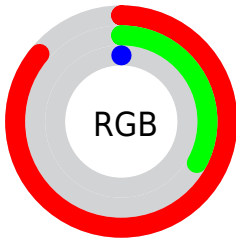
Format	Color
R_{YB}	219, 139, 0
Decimal	14374144
CIE Lab	53.56, 49.70, 63.46
CIE LCh	54, 80.601, 51.934
Yxy	21.5583, 0.5749, 0.3818
Android (android.graphics.Color)	4292564224 (0xFFDB5500)
YUV	115.3760, -56.8804, 90.8782
Hunter-Lab	46.4296, 43.5491, 29.3721

Details

The HunterLab color **46.4296, 43.5491, 29.3721** 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 **47.0779, -1.5855, -55.4202**, and the grayscale version is **41.7351, -2.2269, 2.2675**.

A 20% lighter version of the original color is **63.3120, 34.0345, 35.2045**, and **27.9268, 40.1826, 17.9118** is the 20% darker color. If you saturate the color by 10%, you get **46.4305, 43.5461, 29.3726**, and if you desaturate by 10%, it is **48.9177, 37.5949, 29.8869**.

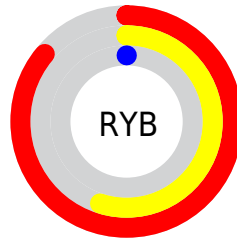
Distribution



Red (86%)

Green (33%)

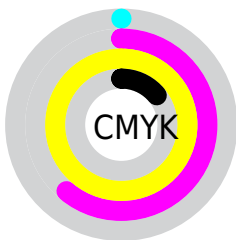
Blue (0%)



Red (86%)

Yellow (55%)

Blue (0%)

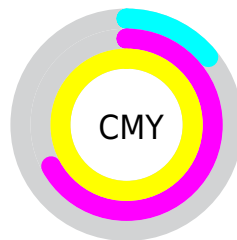


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (14%)



Cyan (14%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.4296, 43.5491, 29.3721 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 46.4296, 43.5491, 29.3721 by changing the saturation by 10% instead.

46.4296, 43.5491,
29.3721

46.4296, 43.5491,
29.3721

161.3168, 55.1045,
65.5025

36.7869, 41.7529,
24.4394

67.8343, 46.7943,
38.5347

27.9220, 39.8627,
19.5454

79.5077, 48.2557,
42.8024

19.9122, 37.9243,
13.9385

91.7831, 49.6159,
46.8978

12.8607, 36.1046,
9.0025

104.6323, 50.8809,
50.8446

6.2736, 41.0594,
4.3915

118.0308, 52.0570,
54.6629


0.0000, INF, NaN

0.0000, NaN, NaN


131.9569, 53.1496,


58.3695


0.0000, NaN, NaN


 146.3913, 54.1639,
61.9787


0.0000, NaN, NaN


 46.4296, 43.5491,
29.3721


 46.4296, 43.5491,
29.3721


 46.4305, 43.5461,
29.3726

 48.9177, 37.5949,
29.8869

 51.7554, 31.6476,
29.7377

 54.9267, 25.9001,
28.7845

 58.4032, 20.4574,
27.0602

 62.1556, 15.3763,
24.6321

■ 66.1560, 10.6785,
21.5788

■ 70.3787, 6.3624,
17.9787

■ 74.8009, 2.4120,
13.9035

■ 79.4025, -1.1967,
9.4166

Harmonies

Analogous

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



46.4309, 72.3736, 19.9096



46.4296, 43.5491, 29.3721



46.4309, 6.7753, 31.3827

Triad

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



46.4309, 43.5449, 29.3727



46.4309, -50.1263, 10.2331



46.4309, 23.7152, -95.7519

Complementary

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



46.4296, 43.5491, 29.3721



47.0779, -1.5855, -55.4202

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.



46.4309, -11.0626, -105.9660



46.4296, 43.5491, 29.3721



46.4309, -47.9390, -26.1904

Square

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



46.4309, 43.5449, 29.3727



46.4309, -42.6596, 26.4823



46.4309, -35.5182, -74.6744



46.4309, 58.8741, -52.3119

Rectangle

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



46.4296, 43.5491, 29.3721



46.4309, -14.9008, 31.2984



46.4309, -35.5182, -74.6744



46.4309, 11.4016, -104.0105

Sweetspot

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



46.4309, 43.5449, 29.3727



83.4870, 7.6868, 21.4796



41.0009, 74.4846, -6.6050



37.6250, 4.5422, 10.8101

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.4309, 43.5449, 29.3727



54.9362, 52.3510, 34.7679



73.0747, -9.6958, 44.8584



37.2508, -0.6503, 4.2794



36.0288, 32.8048, 22.7751



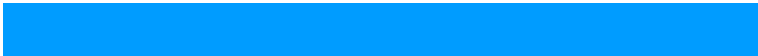
10.0260, 6.2324, 6.2871

Inverse Universe

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



47.0779, -1.5855, -55.4202



55.6810, -1.4553, -66.4549



24.1529, 54.8846, -148.6686



37.3319, -3.1794, -0.3223



36.5514, -1.7228, -41.9670



10.1536, -1.7988, -8.8079

Previews

White Background



This preview shows how the HunterLab color 46.4296, 43.5491, 29.3721 looks on a white background.

Color Contrast Check

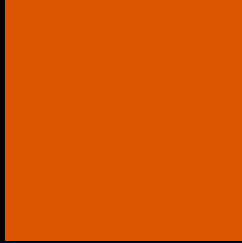
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 46.4296, 43.5491, 29.3721 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 46.4296, 43.5491, 29.3721 Background



This preview shows how black text looks on a background with the HunterLab color 46.4296, 43.5491, 29.3721.



This preview shows how white text looks on a background with the HunterLab color 46.4296, 43.5491,

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

46.4296, 43.5491, 29.3721

Protanopia

46.6671, -6.4222, 27.6792

Deuteranopia

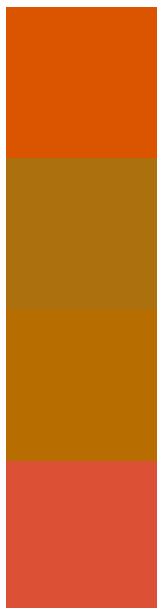
46.4763, 2.6228, 28.6844



Tritanopia

46.4803, 50.0565, 18.8182

Trichromacy



Original Color

46.4296, 43.5491, 29.3721

Protanomaly

45.4011, 10.9661, 27.6254

Deuteranomaly

45.8307, 17.1540, 28.5410

Tritanomaly

46.2142, 46.9730, 24.9782

Monochromacy



Original Color

46.4296, 43.5491, 29.3721

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

41.4174, 10.6545, 16.6843

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.4296, 43.5491, 29.3721 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(219, 85, 0)` looks like.

```
.text, #text, p{  
    color:rgb(219, 85, 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(219, 85, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 85, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 46.4296, 43.5491, 29.3721 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(219, 85, 0) }
```


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

```
.border{ border-color:rgb(219, 85, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 85, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 85, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 85, 0);  
box-shadow:4px 4px 4px 4px rgb(219, 85, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 46.4296, 43.5491, 29.3721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 85, 0) }
```

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

```
.background{ background-color: rgb(219, 85,  
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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