

Converting Colors

HunterLab(49.1809, 39.3978,
29.5801)

Have a look what the booklet for
HunterLab(49.1809, 39.3978,
29.5801) contains.

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Color

**HunterLab(49.1606, 39.6749,
29.5852)**

Conversions

Conversions Part 1

Format	Color
Hex	DE611D
RGB	222, 97, 29
RGB Percent	87%, 38%, 11%
CMY	0.1294, 0.6196, 0.8863
CMYK	0.00, 0.56, 0.87, 0.13
HSL	21°, 77%, 49%
HSV	21°, 87%, 87%
XYZ	34.6206, 24.1676, 4.0025
YIQ	126.6230, 96.3280, 5.3520

Conversions

Conversions Part 2

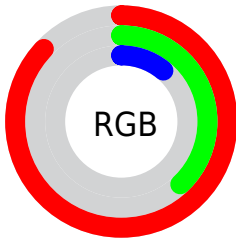
Format	Color
R_{YB}	222, 134, 29
Decimal	14573853
CIE Lab	56.26, 45.63, 58.08
CIE LCh	56, 73.861, 51.842
Yxy	24.1690, 0.5514, 0.3849
Android (android.graphics.Color)	4292763933 (0xFFDE611D)
YUV	126.6230, -48.1281, 83.6456
Hunter-Lab	49.1606, 39.6749, 29.5852

Details

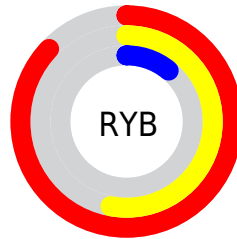
The HunterLab color **49.1606, 39.6749, 29.5852** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **53.5204, -9.4606, -43.7431**, and the grayscale version is **46.0782, -2.4586, 2.5035**.

A 20% lighter version of the original color is **66.3229, 28.7089, 34.4114**, and **30.2858, 36.5791, 19.3023** is the 20% darker color. If you saturate the color by 10%, you get **46.5558, 45.9202, 29.2426**, and if you desaturate by 10%, it is **52.1760, 33.4000, 29.1497**.

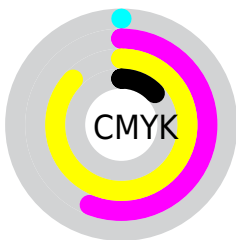
Distribution



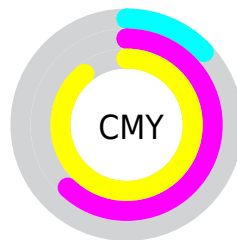
- Red (87%)
- Green (38%)
- Blue (11%)



- Red (87%)
- Yellow (53%)
- Blue (11%)



- Cyan (0%)
- Magenta (56%)
- Yellow (87%)
- Black (13%)



- Cyan (13%)
- Magenta (62%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1606, 39.6749, 29.5852 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 49.1606, 39.6749, 29.5852 by changing the saturation by 10% instead.

49.1606, 39.6749,
29.5852

49.1606, 39.6749,
29.5852

165.4309, 49.7664,
62.6664

39.3180, 38.0463,
25.0692

70.9266, 42.5745,
37.9318

30.2360, 36.3067,
20.5575

82.7656, 43.8651,
41.8242

21.9864, 34.4737,
15.3905

95.1987, 45.0578,
45.5660

14.6636, 32.6321,
10.2645

108.1986, 46.1591,
49.1793

8.3225, 31.7056,
5.8258

121.7416, 47.1753,
52.6820

0.0000, INF, NaN

0.0000, NaN, NaN

135.8069, 48.1120,

56.0895

0.0000, NaN, NaN

150.3756, 48.9742,
59.4141

0.0000, NaN, NaN

49.1606, 39.6749,
29.5852

49.1606, 39.6749,
29.5852

46.5558, 45.9202,
29.2426

52.1760, 33.4000,
29.1497

45.8369, 47.7670,
29.0807

55.5670, 27.3015,
27.9176

59.2991, 21.4962,
25.9473

63.3365, 16.0495,
23.3218

67.6460, 10.9865,
20.1286

■ 72.1975, 6.3059,
16.4495

■ 76.9645, 1.9903,
12.3560

■ 81.9241, -1.9861,
7.9088

■ 87.0567, -5.6527,
3.1583

Harmonies

Analogous

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



49.1620, 65.4698, 19.3862



49.1606, 39.6749, 29.5852



49.1620, 6.0811, 32.1757

Triad

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



49.1620, 39.6709, 29.5858



49.1620, -48.6559, 10.0311



49.1620, 21.4576, -83.8457

Complementary

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



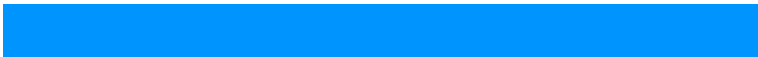
49.1606, 39.6749, 29.5852



53.5204, -9.4606, -43.7431

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.



49.1620, -10.7659, -92.4117



49.1606, 39.6749, 29.5852



49.1620, -46.4716, -23.2997

Square

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



49.1620, 39.6709, 29.5858



49.1620, -41.1262, 26.3369



49.1620, -34.1789, -65.6195



49.1620, 53.2769, -46.5349

Rectangle

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



49.1606, 39.6749, 29.5852



49.1620, -14.2207, 32.0664



49.1620, -34.1789, -65.6195



49.1620, 10.1545, -90.8312

Sweetspot

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



49.1620, 39.6709, 29.5858



84.8758, 6.9933, 18.9105



43.3087, 74.3738, -14.1342



38.3904, 4.0917, 9.4773

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.1620, 39.6709, 29.5858



53.4299, 56.4465, 33.9115



73.3349, -8.0296, 44.1081



38.0614, -0.4796, 4.2740



35.5941, 36.0810, 22.5646



10.2103, 7.3382, 6.4200

Inverse Universe

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



53.5204, -9.4606, -43.7431



58.4665, -6.0492, -60.0194



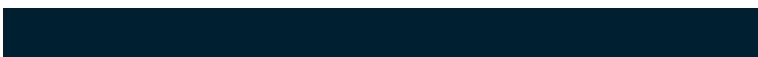
29.2513, 41.5777, -121.3209



38.3628, -3.4409, -0.2030



38.9311, -4.6572, -38.6069



11.0316, -2.4328, -8.5369

Previews

White Background



This preview shows how the HunterLab color 49.1606, 39.6749, 29.5852 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 49.1606, 39.6749, 29.5852 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 49.1606, 39.6749, 29.5852 Background



This preview shows how black text looks on a background with the HunterLab color 49.1606, 39.6749, 29.5852.



This preview shows how white text looks on a background with the HunterLab color 49.1606, 39.6749,

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

49.1606, 39.6749, 29.5852

Protanopia

49.4269, -6.6158, 28.0383

Deuteranopia

49.0880, 3.2362, 30.3044



Tritanopia

49.1859, 46.8917, 17.4966

Trichromacy



Original Color

49.1606, 39.6749, 29.5852

Protanomaly

48.3607, 9.0999, 28.0095

Deuteranomaly

48.6764, 16.2363, 29.8928

Tritanomaly

48.9740, 43.7419, 23.5210

Monochromacy



Original Color

49.1606, 39.6749, 29.5852

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

45.7466, 9.8206, 15.5330

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1606, 39.6749, 29.5852 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(222, 97, 29)` looks like.

```
.text, #text, p{  
    color:rgb(222, 97, 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(222, 97, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 97, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1606, 39.6749, 29.5852 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(222, 97, 29) }
```


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

```
.border{ border-color:rgb(222, 97, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 97, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 97, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 97, 29);  
box-shadow:4px 4px 4px 4px rgb(222, 97,  
29) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1606, 39.6749, 29.5852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 97, 29) }
```

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

```
.background{ background-color: rgb(222, 97,  
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](#).

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