

Converting Colors

HunterLab(48.2295, 39.7759,
29.0610)

Have a look what the booklet for
HunterLab(48.2295, 39.7759,
29.0610) contains.

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Color

**HunterLab(48.1137, 39.8090,
28.9906)**

Conversions

Conversions Part 1

Format	Color
Hex	DB5E1C
RGB	219, 94, 28
RGB Percent	86%, 37%, 11%
CMY	0.1412, 0.6313, 0.8902
CMYK	0.00, 0.57, 0.87, 0.14
HSL	21°, 77%, 48%
HSV	21°, 87%, 86%
XYZ	33.4257, 23.1493, 3.8051
YIQ	123.8510, 95.6860, 5.9740

Conversions

Conversions Part 2

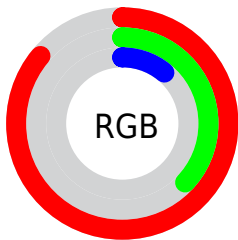
Format	Color
R_{YB}	219, 129, 28
Decimal	14376476
CIE Lab	55.23, 45.91, 57.42
CIE LCh	55, 73.516, 51.351
Yxy	23.1506, 0.5536, 0.3834
Android (android.graphics.Color)	4292566556 (0xFFDB5E1C)
YUV	123.8510, -47.2545, 83.4457
Hunter-Lab	48.1137, 39.8090, 28.9906

Details

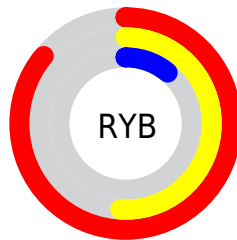
The HunterLab color **48.1137, 39.8090, 28.9906** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **53.0486, -9.8746, -42.3866**, and the grayscale version is **44.9905, -2.4006, 2.4444**.

A 20% lighter version of the original color is **65.5889, 30.2151, 34.0840**, and **29.4173, 36.5232, 18.7662** is the 20% darker color. If you saturate the color by 10%, you get **45.5668, 45.9713, 28.6549**, and if you desaturate by 10%, it is **51.0747, 33.5873, 28.5699**.

Distribution



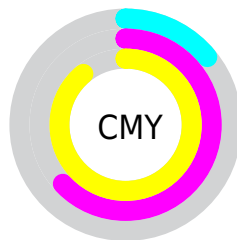
- Red (86%)
- Green (37%)
- Blue (11%)



- Red (86%)
- Yellow (51%)
- Blue (11%)



- Cyan (0%)
- Magenta (57%)
- Yellow (87%)
- Black (14%)



- Cyan (14%)
- Magenta (63%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.1137, 39.8090, 28.9906 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 48.1137, 39.8090, 28.9906 by changing the saturation by 10% instead.

48.1137, 39.8090,
28.9906

48.1137, 39.8090,
28.9906

163.8589, 50.0710,
61.8594

38.3468, 38.1585,
24.4937

69.7427, 42.7519,
37.2934

29.3469, 36.3987,
20.0737

81.5189, 44.0631,
41.1622

21.1879, 34.5516,
14.8315

93.8921, 45.2754,
44.8799

13.9672, 32.7170,
9.7771

106.8348, 46.3956,
48.4688

7.6071, 32.9803,
5.3249

120.3229, 47.4299,
51.9472

0.0000, INF, NaN

0.0000, NaN, NaN

134.3353, 48.3840,

55.3303

0.0000, NaN, NaN

148.8530, 49.2628,
58.6309

0.0000, NaN, NaN

48.1137, 39.8090,
28.9906

48.1137, 39.8090,
28.9906

45.5668, 45.9713,
28.6549

51.0747, 33.5873,
28.5699

44.9280, 47.6221,
28.5181

54.4148, 27.5206,
27.3686

58.0989, 21.7315,
25.4454

62.0908, 16.2894,
22.8833

66.3563, 11.2224,
19.7694

■ 70.8651, 6.5311,
16.1848

■ 75.5902, 2.1993,
12.2004

■ 80.5084, -1.7983,
7.8756

■ 85.5996, -5.4907,
3.2600

Harmonies

Analogous

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



48.1151, 65.1332, 18.8238



48.1137, 39.8090, 28.9906



48.1151, 6.5702, 31.5683

Triad

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



48.1151, 39.8050, 28.9912



48.1151, -47.9030, 10.2755



48.1151, 20.6956, -83.6882

Complementary

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



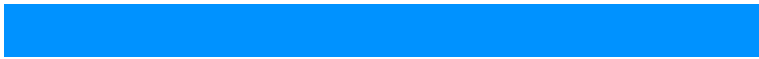
48.1137, 39.8090, 28.9906



53.0486, -9.8746, -42.3866

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.



48.1151, -11.0749, -91.6089



48.1137, 39.8090, 28.9906



48.1151, -45.9115, -22.4388

Square

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



48.1151, 39.8050, 28.9912



48.1151, -40.3371, 26.0564



48.1151, -33.9902, -64.4903



48.1151, 52.3269, -46.8703

Rectangle

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



48.1137, 39.8090, 28.9906



48.1151, -13.5761, 31.4913



48.1151, -33.9902, -64.4903



48.1151, 9.5242, -90.4552

Sweetspot

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



48.1151, 39.8050, 28.9912



84.7434, 7.2313, 18.7808



42.7414, 73.7646, -15.5923



38.3219, 4.2165, 9.4119

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.1151, 39.8050, 28.9912



53.1600, 57.1971, 33.7583



71.2426, -6.3426, 42.8739



37.1264, -0.4387, 4.1439



34.8622, 35.9367, 22.1111



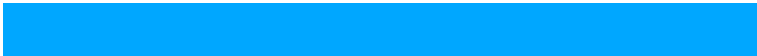
9.7213, 6.9584, 6.1121

Inverse Universe

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



53.0486, -9.8746, -42.3866



59.0016, -6.9079, -58.8346



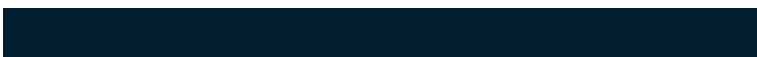
29.2844, 39.4044, -116.9501



37.4600, -3.3878, -0.1674



38.6643, -5.1532, -37.2026



10.6156, -2.4957, -7.8810

Previews

White Background



This preview shows how the HunterLab color 48.1137, 39.8090, 28.9906 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 48.1137, 39.8090, 28.9906 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 48.1137, 39.8090, 28.9906 Background



This preview shows how black text looks on a background with the HunterLab color 48.1137, 39.8090, 28.9906.



This preview shows how white text looks on a background with the HunterLab color 48.1137, 39.8090,

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

48.1137, 39.8090, 28.9906

Protanopia

48.2748, -6.3443, 27.3835

Deuteranopia

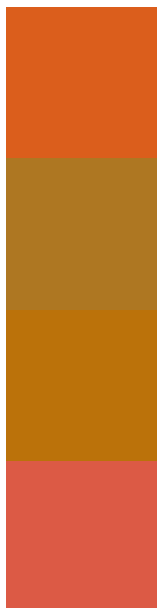
48.2147, 3.0305, 29.7627



Tritanopia

48.1060, 46.7387, 17.6974

Trichromacy



Original Color

48.1137, 39.8090, 28.9906

Protanomaly

47.2312, 9.3375, 27.3673

Deuteranomaly

47.5619, 16.4676, 29.2377

Tritanomaly

47.9141, 43.7291, 23.3231

Monochromacy



Original Color

48.1137, 39.8090, 28.9906

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

44.6122, 9.9795, 15.1038

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.1137, 39.8090, 28.9906 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, 94, 28)` looks like.

```
.text, #text, p{  
  color:rgb(219, 94, 28)  
}
```

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, 94, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 94, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 48.1137, 39.8090, 28.9906 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, 94, 28) }
```


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

```
.border{ border-color:rgb(219, 94, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 94, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 94, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 94, 28);  
box-shadow:4px 4px 4px 4px rgb(219, 94,  
28) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.1137, 39.8090, 28.9906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 94, 28) }
```

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

```
.background{ background-color: rgb(219, 94,  
28) }
```

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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