

Converting Colors

HunterLab(45.0791, 52.0592,
28.6867)

Have a look what the booklet for
HunterLab(45.0791, 52.0592,
28.6867) contains.

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Color

**HunterLab(44.9751, 51.9906,
28.6236)**

Conversions

Conversions Part 1

Format	Color
Hex	E04600
RGB	224, 70, 0
RGB Percent	88%, 27%, 0%
CMY	0.1216, 0.7254, 1.0000
CMYK	0.00, 0.69, 1.00, 0.12
HSL	19°, 100%, 44%
HSV	19°, 100%, 88%
XYZ	32.9306, 20.2276, 2.1687
YIQ	108.0660, 114.2540, 10.8780

Conversions

Conversions Part 2

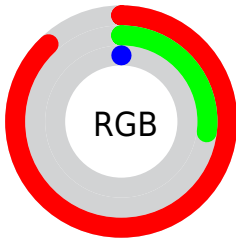
Format	Color
R_{YB}	224, 102, 0
Decimal	14697984
CIE _{Lab}	52.09, 57.66, 63.19
CIE _{LCh}	52, 85.545, 47.617
Yxy	20.2288, 0.5952, 0.3656
Android (android.graphics.Color)	4292888064 (0xFFE04600)
YUV	108.0660, -53.2765, 101.6741
Hunter-Lab	44.9751, 51.9906, 28.6236

Details

The HunterLab color **44.9751, 51.9906, 28.6236** 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 **53.3765, -9.7752, -45.6139**, and the grayscale version is **38.9176, -2.0765, 2.1145**.

A 20% lighter version of the original color is **60.4306, 40.5869, 33.6161**, and **27.1495, 46.4943, 17.5433** is the 20% darker color. If you saturate the color by 10%, you get **44.9760, 51.9871, 28.6241**, and if you desaturate by 10%, it is **47.4008, 45.7238, 29.0334**.

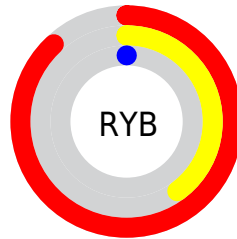
Distribution



Red (88%)

Green (27%)

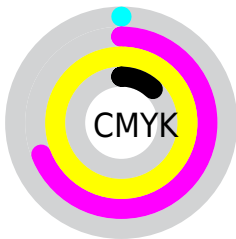
Blue (0%)



Red (88%)

Yellow (40%)

Blue (0%)

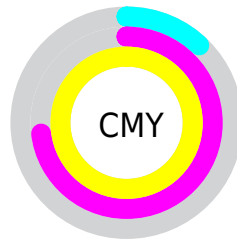


Cyan (0%)

Magenta (69%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 44.9751, 51.9906, 28.6236 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 44.9751, 51.9906, 28.6236 by changing the saturation by 10% instead.

44.9751, 51.9906,
28.6236

44.9751, 51.9906,
28.6236

159.1072, 65.9915,
64.8141

35.4422, 49.9479,
23.7114

66.1819, 55.7806,
37.8185

26.6970, 47.8591,
18.6879

77.7648, 57.5221,
42.0970

18.8197, 45.8293,
13.1738

89.9541, 59.1615,
46.2003

11.9194, 44.1905,
8.3436

102.7211, 60.7033,
50.1523

4.8158, 61.9357,
3.3711

116.0408, 62.1522,
53.9737


0.0000, INF, NaN

0.0000, NaN, NaN


129.8912, 63.5134,


57.6819


0.0000, NaN, NaN


 144.2525, 64.7916,
61.2912


0.0000, NaN, NaN


 44.9751, 51.9906,
28.6236


 44.9751, 51.9906,
28.6236


 44.9760, 51.9871,
28.6241

 47.4008, 45.7238,
29.0334

 50.3045, 39.1601,
28.7801

 53.6597, 32.5991,
27.7327

 57.4237, 26.2315,
25.9472

 61.5520, 20.1726,
23.5143

■ 66.0026, 14.4799,
20.5307

■ 70.7374, 9.1703,
17.0861

■ 75.7232, 4.2353,
13.2574

■ 80.9314, -0.3475,
9.1083

Harmonies

Analogous

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



44.9764, 80.4876, 17.7326



44.9751, 51.9906, 28.6236



44.9764, 12.8178, 30.9062

Triad

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



44.9764, 51.9861, 28.6242



44.9764, -50.7784, 14.0425



44.9764, 19.6246, -109.7764

Complementary

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



44.9751, 51.9906, 28.6236



53.3765, -9.7752, -45.6139

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.



44.9764, -15.8339, -114.1280



44.9751, 51.9906, 28.6236



44.9764, -49.9636, -21.3085

Square

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



44.9764, 51.9861, 28.6242



44.9764, -41.8366, 27.6581



44.9764, -39.1192, -74.1920



44.9764, 58.2518, -64.7874

Rectangle

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



44.9751, 51.9906, 28.6236



44.9764, -10.9090, 31.0200



44.9764, -39.1192, -74.1920



44.9764, 6.7879, -116.8293

Sweetspot

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



44.9764, 51.9861, 28.6242



81.8094, 10.7511, 19.8823



42.7490, 78.8867, -16.3943



36.7552, 6.1591, 10.0077

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



44.9764, 51.9861, 28.6242



51.9163, 60.7259, 33.0537



69.4029, -0.8300, 42.7511



37.9420, -0.2761, 4.1437



34.5771, 38.9118, 21.9875



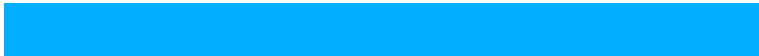
9.9250, 8.0456, 6.2566

Inverse Universe

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



53.3765, -9.7752, -45.6139



61.6426, -11.0443, -53.2064



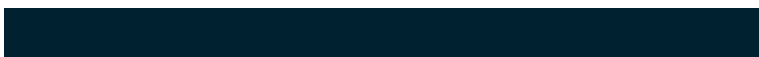
26.9139, 48.3082, -137.9230



38.4861, -3.6411, -0.0543



40.9847, -7.8576, -34.2651



11.4978, -3.1175, -7.6415

Previews

White Background



This preview shows how the HunterLab color 44.9751, 51.9906, 28.6236 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 44.9751, 51.9906, 28.6236 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 44.9751, 51.9906, 28.6236 Background



This preview shows how black text looks on a background with the HunterLab color 44.9751, 51.9906, 28.6236.



This preview shows how white text looks on a background with the HunterLab color 44.9751, 51.9906,

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

44.9751, 51.9906, 28.6236

Protanopia

45.1618, -5.9800, 26.5893

Deuteranopia

45.2358, 2.5091, 27.9180



Tritanopia

44.9505, 56.2922, 21.4704

Trichromacy



Original Color

44.9751, 51.9906, 28.6236

Protanomaly

43.3539, 14.4325, 26.3490

Deuteranomaly

43.8776, 20.6260, 27.3983

Tritanomaly

44.9403, 54.3928, 25.6289

Monochromacy



Original Color

44.9751, 51.9906, 28.6236

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

38.6253, 13.9933, 15.4033

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 44.9751, 51.9906, 28.6236 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(224, 70, 0)` looks like.

```
.text, #text, p{  
    color:rgb(224, 70, 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(224, 70, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 70, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 44.9751, 51.9906, 28.6236 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(224, 70, 0) }
```


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

```
.border{ border-color:rgb(224, 70, 0) }
```

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

Here you see how a box with a 4 pixel rgb(224, 70, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 70, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 70, 0);  
box-shadow:4px 4px 4px 4px rgb(224, 70, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 44.9751, 51.9906, 28.6236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 70, 0) }
```

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

```
.background{ background-color: rgb(224, 70,  
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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