

# Converting Colors

HunterLab(53.9011, 28.1239,  
32.8629)

Have a look what the booklet for  
HunterLab(53.9011, 28.1239,  
32.8629) contains.

<b>HunterLab(53.8706, 28.2775, 32.8545)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(53.8706, 28.2775,  
32.8545)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE7816
RGB	222, 120, 22
RGB Percent	87%, 47%, 9%
CMY	0.1294, 0.5294, 0.9137
CMYK	0.00, 0.46, 0.90, 0.13
HSL	29°, 82%, 48%
HSV	29°, 90%, 87%
XYZ	36.9854, 29.0204, 4.4112
YIQ	139.3260, 92.2500, -8.8540

# Conversions

## Conversions Part 2

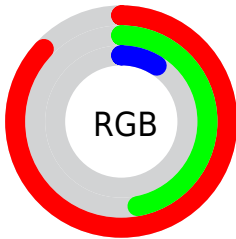
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	222, 214, 22
Decimal	14579734
CIE <sub>Lab</sub>	60.80, 34.00, 63.72
CIE <sub>LCh</sub>	61, 72.225, 61.919
Yxy	29.0220, 0.5252, 0.4121
Android (android.graphics.Color)	4292769814 (0xFFDE7816)
YUV	139.3260, -57.8417, 72.5051
Hunter-Lab	53.8706, 28.2775, 32.8545

# Details

The HunterLab color **53.8706, 28.2775, 32.8545** 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 **44.5632, 5.0206, -64.3968**, and the grayscale version is **51.1403, -2.7287, 2.7785**.

A 20% lighter version of the original color is **71.9108, 17.1204, 38.5119**, and **34.4295, 26.2642, 21.6751** is the 20% darker color. If you saturate the color by 10%, you get **51.4014, 33.5694, 32.2610**, and if you desaturate by 10%, it is **56.5984, 23.1401, 32.7635**.

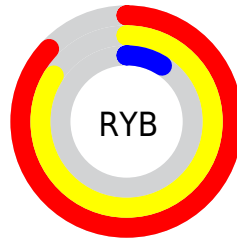
# Distribution



Red (87%)

Green (47%)

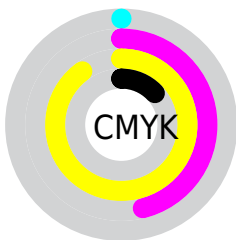
Blue (9%)



Red (87%)

Yellow (84%)

Blue (9%)

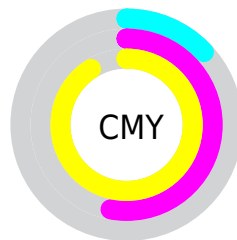


Cyan (0%)

Magenta (46%)

Yellow (90%)

Black (13%)



Cyan (13%)

Magenta (53%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.8706, 28.2775, 32.8545 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 53.8706, 28.2775, 32.8545 by changing the saturation by 10% instead.



53.8706, 28.2775,  
32.8545

53.8706, 28.2775,  
32.8545

172.4293, 34.2839,  
68.1956

43.7006, 27.1518,  
28.0753

76.2312, 30.1892,  
41.7354

34.2647, 25.9059,  
23.1840

88.3438, 31.0019,  
45.8915

25.6269, 24.5267,  
17.9388

101.0376, 31.7289,  
49.8922

17.8691, 23.0151,  
12.5084

114.2871, 32.3768,  
53.7584

11.1055, 21.4179,  
7.7739

128.0699, 32.9515,  
57.5081

2.9779, 49.7150,  
2.0845

142.3661, 33.4581,

0.0000, NaN, NaN

61.1560

0.0000, NaN, NaN

157.1579, 33.9009,  
64.7150

0.0000, NaN, NaN

53.8706, 28.2775,  
32.8545

53.8706, 28.2775,  
32.8545

51.4014, 33.5694,  
32.2610

56.5984, 23.1401,  
32.7635

59.5545, 18.3347,  
31.8245

62.7261, 13.9072,  
30.0439

66.0974, 9.8793,  
27.4627

69.6526, 6.2534,  
24.1392

■ 73.3768, 3.0188,  
20.1379

■ 77.2559, 0.1570,  
15.5236

■ 81.2773, -2.3550,  
10.3574

■ 85.4293, -4.5423,  
4.6957

# Harmonies

## Analogous

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



53.8721, 57.8844, 25.1779



53.8706, 28.2775, 32.8545



53.8721, -4.8659, 34.4374

# Triad

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



53.8721, 28.2738, 32.8551



53.8721, -50.5773, 0.9919



53.8721, 32.5412, -71.1854

# Complementary

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



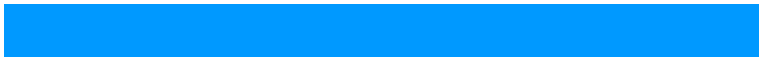
53.8706, 28.2775, 32.8545



44.5632, 5.0206, -64.3968

# 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.



53.8721, -0.8596, -90.5833



53.8706, 28.2775, 32.8545



53.8721, -44.8322, -36.6671

# Square

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



53.8721, 28.2738, 32.8551



53.8721, -46.1503, 23.4311



53.8721, -28.2444, -75.3149



53.8721, 60.7155, -31.3220



# Rectangle

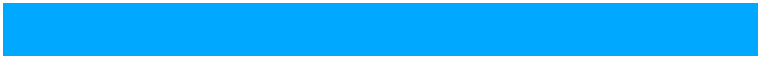
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.8706, 28.2775, 32.8545



53.8721, -23.4396, 33.5182



53.8721, -28.2444, -75.3149



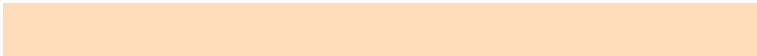
53.8721, 21.3224, -81.0829

# Sweetspot

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



53.8721, 28.2738, 32.8551



87.1432, 2.5245, 22.0781



41.9436, 71.8633, -0.4812



39.6046, 1.7270, 11.0318

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



53.8721, 28.2738, 32.8551



59.9302, 39.7806, 37.6252



81.2873, -20.3505, 49.1788



38.4759, -1.1816, 4.7237



39.8937, 25.2157, 25.0238



11.3228, 4.8032, 7.0611

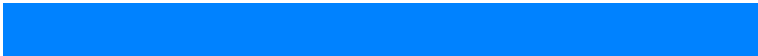


# Inverse Universe

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



44.5632, 5.0206, -64.3968



48.1630, 12.2173, -86.5731



24.8078, 56.3895, -148.8897



37.9384, -2.7474, -0.7185



32.2481, 7.0265, -55.4755



9.4868, 0.0362, -11.9358



# Previews

## White Background



This preview shows how the HunterLab color 53.8706, 28.2775, 32.8545 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 53.8706, 28.2775, 32.8545 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 53.8706, 28.2775, 32.8545 Background



This preview shows how black text looks on a background with the HunterLab color 53.8706, 28.2775, 32.8545.



This preview shows how white text looks on a background with the HunterLab color 53.8706, 28.2775,



# 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

53.8706, 28.2775, 32.8545

### Protanopia

54.2038, -7.4237, 31.9266

### Deuteranopia

54.0326, 3.3200, 33.3528



## Tritanopia

53.9566, 39.7186, 14.4174

# Trichromacy



## Original Color

53.8706, 28.2775, 32.8545

## Protanomaly

53.5679, 4.6767, 31.9425

## Deuteranomaly

53.7910, 12.0033, 33.1027

## Tritanomaly

53.7672, 34.6595, 24.4888

# Monochromacy



## Original Color

53.8706, 28.2775, 32.8545

## Achromatopsia

50.8117, -2.7112, 2.7607

## Achromatomaly

50.7761, 5.0912, 18.4552

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 53.8706, 28.2775, 32.8545 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, 120, 22)` looks like.

```
.text, #text, p{  
    color:rgb(222, 120, 22)  
}
```

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, 120, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 120, 22) }
```

## Border

The CSS property to change the border of an element to HunterLab 53.8706, 28.2775, 32.8545 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, 120, 22) }
```



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

```
.border{ border-color:rgb(222, 120, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 120, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 120, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 120, 22);  
box-shadow:4px 4px 4px 4px rgb(222, 120,  
22) }
```

# Background

The CSS property to change the background color of an element to HunterLab 53.8706, 28.2775, 32.8545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 120, 22) }
```

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

```
.background{ background-color: rgb(222,  
120, 22) }
```

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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