

Converting Colors

HunterLab(53.6420, 20.4235,
35.0478)

Have a look what the booklet for
HunterLab(53.6420, 20.4235,
35.0478) contains.

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Color

**HunterLab(53.7762, 20.7806,
33.5004)**

Conversions

Conversions Part 1

Format	Color
Hex	D47E00
RGB	212, 126, 0
RGB Percent	83%, 49%, 0%
CMY	0.1686, 0.5059, 1.0000
CMYK	0.00, 0.41, 1.00, 0.17
HSL	36°, 100%, 42%
HSV	36°, 100%, 83%
XYZ	34.6123, 28.9188, 3.7577
YIQ	137.3500, 91.7020, -20.9540

Conversions

Conversions Part 2

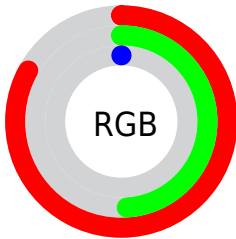
Format	Color
R_YB	145, 212, 0
Decimal	13925888
CIE _{Lab}	60.71, 26.40, 67.14
CIE _{LCh}	61, 72.148, 68.532
Yxy	28.9203, 0.5144, 0.4298
Android (android.graphics.Color)	4292115968 (0xFFD47E00)
YUV	137.3500, -67.7135, 65.4681
Hunter-Lab	53.7762, 20.7806, 33.5004

Details

The HunterLab color **53.7762, 20.7806, 33.5004** 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 **33.7781, 21.2747, -88.1446**, and the grayscale version is **50.3915, -2.6888, 2.7379**.

A 20% lighter version of the original color is **73.4455, 13.5636, 40.8166**, and **34.2756, 19.9411, 21.4696** is the 20% darker color. If you saturate the color by 10%, you get **53.7766, 20.7792, 33.5007**, and if you desaturate by 10%, it is **55.9197, 16.7285, 33.9872**.

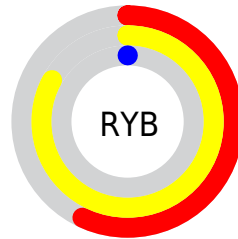
Distribution



Red (83%)

Green (49%)

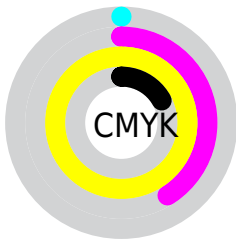
Blue (0%)



Red (57%)

Yellow (83%)

Blue (0%)

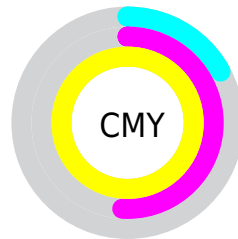


Cyan (0%)

Magenta (41%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.7762, 20.7806, 33.5004 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 53.7762, 20.7806, 33.5004 by changing the saturation by 10% instead.

■ 53.7762, 20.7806,
33.5004

■ 53.7762, 20.7806,
33.5004

172.2901, 24.2185,
70.5329

■ 43.6126, 19.9828,
28.4982

■ 76.1252, 22.0635,
42.8136

■ 34.1835, 19.0708,
23.5587

■ 88.2324, 22.5753,
47.1738

■ 25.5532, 18.0260,
17.8872

■ 100.9211, 23.0101,
51.3696

■ 17.8038, 16.8333,
12.4626

■ 114.1657, 23.3741,
55.4226

■ 11.0498, 15.4918,
7.7349

■ 127.9438, 23.6727,
59.3510

■ 2.8061, 40.8531,
1.9642

■ 142.2355, 23.9104,

0.0000, NaN, NaN

63.1704

0.0000, NaN, NaN

157.0230, 24.0912,
66.8939

0.0000, NaN, NaN

53.7762, 20.7806,
33.5004

53.7762, 20.7806,
33.5004

53.7766, 20.7792,
33.5007

55.9197, 16.7285,
33.9872

58.2012, 12.9432,
33.8190

60.6268, 9.5006,
32.8374

63.1919, 6.4272,
31.0245

65.8905, 3.7326,
28.3946

■ 68.7157, 1.4155,
24.9806

■ 71.6604, -0.5335,
20.8259

■ 74.7174, -2.1287,
15.9788

■ 77.8800, -3.3878,
10.4889

Harmonies

Analogous

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



53.7776, 52.2756, 27.6552



53.7762, 20.7806, 33.5004



53.7776, -11.4498, 34.2532

Triad

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



53.7776, 20.7772, 33.5009



53.7776, -50.1075, -6.2028



53.7776, 39.6199, -63.1782

Complementary

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



53.7762, 20.7806, 33.5004



33.7781, 21.2747, -88.1446

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.



53.7776, 6.2789, -89.0181



53.7762, 20.7806, 33.5004



53.7776, -42.0713, -45.8551

Square

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



53.7776, 20.7772, 33.5009



53.7776, -47.9309, 19.8451



53.7776, -23.0309, -81.3283



53.7776, 64.7590, -22.2925

Rectangle

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



53.7762, 20.7806, 33.5004



53.7776, -28.5301, 32.7415



53.7776, -23.0309, -81.3283



53.7776, 28.7320, -74.7289

Sweetspot

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



53.7776, 20.7772, 33.5009



88.1978, -0.5870, 25.8452



38.3502, 67.5263, 10.4256



40.0818, 0.1795, 13.0109

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.7776, 20.7772, 33.5009



66.0105, 26.1690, 41.1335



76.5507, -26.9879, 46.6975



36.9265, -1.6318, 4.8055



42.4908, 15.8293, 26.4597



11.1786, 2.3968, 6.9302

Inverse Universe

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



33.7781, 21.2747, -88.1446



41.2411, 27.1350, -110.1245



22.0888, 59.3441, -152.5383



35.8155, -2.1129, -1.0402



26.8857, 15.9118, -67.9538



7.7219, 1.5615, -13.0226

Previews

White Background



This preview shows how the HunterLab color 53.7762, 20.7806, 33.5004 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 53.7762, 20.7806, 33.5004 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 53.7762, 20.7806, 33.5004 Background



This preview shows how black text looks on a background with the HunterLab color 53.7762, 20.7806, 33.5004.



This preview shows how white text looks on a background with the HunterLab color 53.7762, 20.7806,

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

53.7762, 20.7806, 33.5004

Protanopia

53.8626, -7.2571, 32.5233

Deuteranopia

53.7628, 3.8007, 33.1949



Tritanopia

53.8337, 34.2521, 12.0324

Trichromacy



Original Color

53.7762, 20.7806, 33.5004

Protanomaly

53.4363, 2.7435, 32.6566

Deuteranomaly

53.5278, 9.8050, 33.1553

Tritanomaly

53.3472, 27.7303, 24.9229

Monochromacy



Original Color

53.7762, 20.7806, 33.5004

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

50.3544, 1.9821, 20.4460

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.7762, 20.7806, 33.5004 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(212, 126, 0)` looks like.

```
.text, #text, p{  
    color:rgb(212, 126, 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(212, 126, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 126, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 53.7762, 20.7806, 33.5004 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(212, 126, 0) }
```


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

```
.border{ border-color:rgb(212, 126, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 126, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 126, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 126, 0);  
box-shadow:4px 4px 4px 4px rgb(212, 126,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.7762, 20.7806, 33.5004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 126, 0) }
```

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

```
.background{ background-color: rgb(212,  
126, 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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