

Converting Colors

HunterLab(47.5175, 30.4816,
25.9058)

Have a look what the booklet for
HunterLab(47.5175, 30.4816,
25.9058) contains.

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Color

**HunterLab(47.5175, 30.4816,
25.9058)**

Conversions

Conversions Part 1

Format	Color
Hex	CC6633
RGB	204, 102, 51
RGB Percent	80%, 40%, 20%
CMY	0.2000, 0.6000, 0.8000
CMYK	0.00, 0.50, 0.75, 0.20
HSL	20°, 60%, 50%
HSV	20°, 75%, 80%
XYZ	30.2507, 22.5791, 5.8958
YIQ	126.6840, 77.1630, 5.7630

Conversions

Conversions Part 2

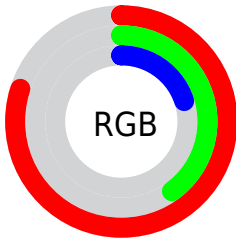
Format	Color
RYB	204, 128, 51
Decimal	13395507
CIELab	54.64, 36.91, 46.12
CIElCh	55, 59.072, 51.332
Yxy	22.5804, 0.5151, 0.3845
Android (android.graphics.Color)	4291585587 (0xFFCC6633)
YUV	126.6840, -37.3122, 67.8061
Hunter-Lab	47.5175, 30.4816, 25.9058

Details

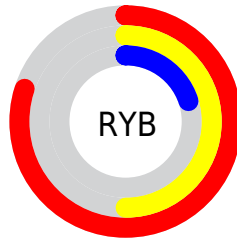
The HunterLab color **47.5175, 30.4816, 25.9058** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **52.7674, -12.3249, -31.8885**, and the grayscale version is **46.0661, -2.4580, 2.5029**.

A 20% lighter version of the original color is **67.5446, 27.8365, 31.5249**, and **28.9573, 27.7929, 18.3299** is the 20% darker color. If you saturate the color by 10%, you get **44.6997, 36.2519, 26.4953**, and if you desaturate by 10%, it is **50.6927, 24.8540, 24.6202**.

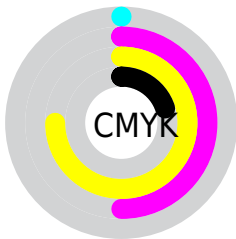
Distribution



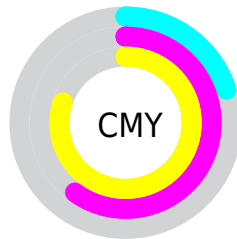
- Red (80%)
- Green (40%)
- Blue (20%)



- Red (80%)
- Yellow (50%)
- Blue (20%)



- Cyan (0%)
- Magenta (50%)
- Yellow (75%)
- Black (20%)



- Cyan (20%)
- Magenta (60%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.5175, 30.4816, 25.9058 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 47.5175, 30.4816, 25.9058 by changing the saturation by 10% instead.

47.5175, 30.4816,
25.9058

47.5175, 30.4816,
25.9058

162.9608, 37.9076,
53.1621

37.7941, 29.1620,
22.1978

69.0676, 32.7581,
32.7333

28.8417, 27.7172,
18.2350

80.8076, 33.7409,
35.9208

20.7349, 26.1450,
14.5144

93.1464, 34.6304,
38.9922

13.5735, 24.4829,
9.5014

106.0562, 35.4341,
41.9666

7.1651, 25.2300,
5.0156

119.5128, 36.1584,
44.8594

0.0000, INF, NaN

0.0000, NaN, NaN

133.4948, 36.8089,

47.6832

0.0000, NaN, NaN

147.9832, 37.3905,
50.4480

0.0000, NaN, NaN

■ 47.5175, 30.4816,
25.9058

■ 47.5175, 30.4816,
25.9058

■ 44.6997, 36.2519,
26.4953

■ 50.6927, 24.8540,
24.6202

■ 42.2680, 41.9988,
26.3697

■ 54.1859, 19.4907,
22.7011

■ 41.1976, 44.7558,
26.1693

■ 57.9636, 14.4478,
20.2297

■ 61.9937, 9.7476,
17.2863

■ 66.2477, 5.3879,
13.9436

■ 70.7005, 1.3524,
10.2637

■ 75.3307, -2.3830,
6.2980

■ 80.1198, -5.8451,
2.0889

■ 85.0520, -9.0614,
-2.3298

Harmonies

Analogous

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



47.5188, 49.5468, 16.1283



47.5175, 30.4816, 25.9058



47.5188, 4.7423, 28.9374

Triad

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



47.5188, 30.4782, 25.9064



47.5188, -40.5983, 8.8338



47.5188, 15.7653, -60.6085

Complementary

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



47.5175, 30.4816, 25.9058



52.7674, -12.3249, -31.8885

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.



47.5188, -9.4049, -66.0834



47.5175, 30.4816, 25.9058



47.5188, -38.8242, -16.6856

Square

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



47.5188, 30.4782, 25.9064



47.5188, -33.9062, 22.8782



47.5188, -28.4462, -47.1316



47.5188, 39.9304, -34.6093

Rectangle

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



47.5175, 30.4816, 25.9058



47.5188, -11.4117, 28.8390



47.5188, -28.4462, -47.1316



47.5188, 7.0388, -65.2964

Sweetspot

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



47.5188, 30.4782, 25.9064



86.7846, 5.4850, 16.6994



41.8389, 62.6028, -15.8303



39.4336, 3.2165, 8.3090

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.5188, 30.4782, 25.9064



55.5309, 51.2410, 34.1025



67.1687, -7.2083, 38.4981



34.3723, -0.3640, 3.7873



32.9193, 34.8528, 20.8949



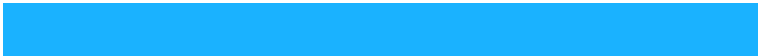
8.3569, 5.6532, 5.2484

Inverse Universe

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



52.7674, -12.3249, -31.8885



62.8249, -11.9733, -50.7818



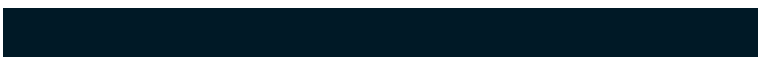
32.0962, 26.6045, -85.2839



34.7453, -3.1835, -0.0962



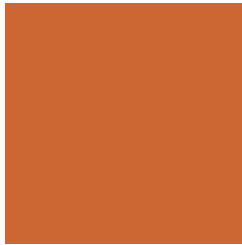
37.4202, -5.9091, -34.0159



9.2646, -2.4896, -6.2057

Previews

White Background



This preview shows how the HunterLab color 47.5175, 30.4816, 25.9058 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 47.5175, 30.4816, 25.9058 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 47.5175, 30.4816, 25.9058 Background



This preview shows how black text looks on a background with the HunterLab color 47.5175, 30.4816, 25.9058.



This preview shows how white text looks on a background with the HunterLab color 47.5175, 30.4816,

25.9058.

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

47.5175, 30.4816, 25.9058

Protanopia

47.6129, -5.3961, 23.9209

Deuteranopia

47.6961, 3.0462, 26.3574



Tritanopia

47.3992, 37.8786, 13.8192

Trichromacy



Original Color

47.5175, 30.4816, 25.9058

Protanomaly

46.8443, 7.1553, 24.0911

Deuteranomaly

47.4463, 12.7712, 26.0991

Tritanomaly

47.2806, 34.8406, 19.2261

Monochromacy



Original Color

47.5175, 30.4816, 25.9058

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

45.6358, 7.1587, 12.9097

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.5175, 30.4816, 25.9058 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(204, 102, 51)` looks like.

```
.text, #text, p{  
    color:rgb(204, 102, 51)  
}
```

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(204, 102, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 102, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 47.5175, 30.4816, 25.9058 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(204, 102, 51) }
```


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

```
.border{ border-color:rgb(204, 102, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 102, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 102, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 102, 51);  
box-shadow:4px 4px 4px 4px rgb(204, 102,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.5175, 30.4816, 25.9058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 102, 51) }
```

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

```
.background{ background-color: rgb(204,  
102, 51) }
```

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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