

Converting Colors

HunterLab(48.0145, 28.1130,
25.9552)

Have a look what the booklet for
HunterLab(48.0145, 28.1130,
25.9552) contains.

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Color

**HunterLab(48.0850, 27.7873,
25.9632)**

Conversions

Conversions Part 1

Format	Color
Hex	CA6A35
RGB	202, 106, 53
RGB Percent	79%, 42%, 21%
CMY	0.2078, 0.5843, 0.7922
CMYK	0.00, 0.48, 0.74, 0.21
HSL	21°, 58%, 50%
HSV	21°, 74%, 79%
XYZ	30.1538, 23.1217, 6.2418
YIQ	128.6620, 74.2290, 3.8690

Conversions

Conversions Part 2

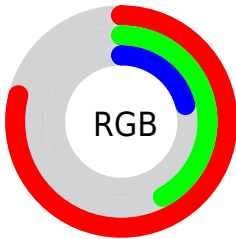
Format	Color
R_{YB}	202, 135, 53
Decimal	13265461
CIE _{Lab}	55.20, 34.12, 45.64
CIE _{LCh}	55, 56.985, 53.214
Yxy	23.1229, 0.5066, 0.3885
Android (android.graphics.Color)	429145541 (0xFFCA6A35)
YUV	128.6620, -37.3014, 64.3174
Hunter-Lab	48.0850, 27.7873, 25.9632

Details

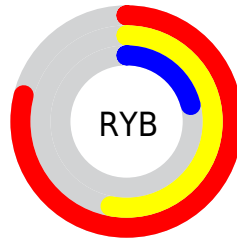
The HunterLab color **48.0850, 27.7873, 25.9632** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **51.4920, -10.8121, -32.7988**, and the grayscale version is **46.8433, -2.4994, 2.5451**.

A 20% lighter version of the original color is **68.5679, 25.8834, 31.8349**, and **29.2976, 25.3774, 18.3811** is the 20% darker color. If you saturate the color by 10%, you get **45.2687, 33.3259, 26.6123**, and if you desaturate by 10%, it is **51.2237, 22.4460, 24.6202**.

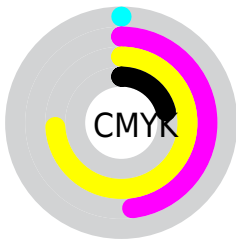
Distribution



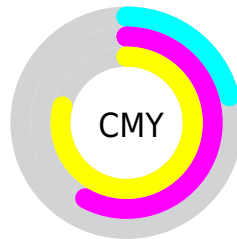
- Red (79%)
- Green (42%)
- Blue (21%)



- Red (79%)
- Yellow (53%)
- Blue (21%)



- Cyan (0%)
- Magenta (48%)
- Yellow (74%)
- Black (21%)



- Cyan (21%)
- Magenta (58%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.0850, 27.7873, 25.9632 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 48.0850, 27.7873, 25.9632 by changing the saturation by 10% instead.

48.0850, 27.7873,
25.9632

48.0850, 27.7873,
25.9632

163.8156, 34.2431,
52.9276

38.3201, 26.5887,
22.3034

69.7102, 29.8280,
32.7071

29.3225, 25.2637,
18.3929

81.4846, 30.6971,
35.8580

21.1660, 23.8038,
14.8162

93.8561, 31.4760,
38.8957

13.9482, 22.2277,
9.7637

106.7972, 32.1722,
41.8389

7.5864, 22.0862,
5.3105

120.2839, 32.7918,
44.7026

0.0000, INF, NaN

0.0000, NaN, NaN

134.2948, 33.3404,

47.4989

0.0000, NaN, NaN

148.8110, 33.8228,
50.2379

0.0000, NaN, NaN

■ 48.0850, 27.7873,
25.9632

■ 48.0850, 27.7873,
25.9632

■ 45.2687, 33.3259,
26.6123

■ 51.2237, 22.4460,
24.6202

■ 42.8003, 38.9304,
26.5459

■ 54.6496, 17.3972,
22.6427

■ 41.4404, 42.3369,
26.2766

■ 58.3334, 12.6796,
20.1068

■ 62.2472, 8.3054,
17.0882

■ 66.3658, 4.2671,
13.6562

■ 70.6674, 0.5461,
9.8708

■ 75.1328, -2.8817,
5.7827

■ 79.7457, -6.0428,
1.4339

■ 84.4920, -8.9633,
-3.1411

Harmonies

Analogous

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



48.0863, 46.7313, 16.7302



48.0850, 27.7873, 25.9632



48.0863, 2.9200, 28.7983

Triad

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



48.0863, 27.7840, 25.9638



48.0863, -39.8866, 7.4505



48.0863, 16.6884, -56.4751

Complementary

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



48.0850, 27.7873, 25.9632



51.4920, -10.8121, -32.7988

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.



48.0863, -7.8211, -63.1404



48.0850, 27.7873, 25.9632



48.0863, -37.6129, -17.7315

Square

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



48.0863, 27.7840, 25.9638



48.0863, -33.8209, 21.9760



48.0863, -26.8686, -46.4734



48.0863, 39.5096, -31.1338

Rectangle

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



48.0850, 27.7873, 25.9632



48.0863, -12.5224, 28.5496



48.0863, -26.8686, -46.4734



48.0863, 8.2676, -61.3546

Sweetspot

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



48.0863, 27.7840, 25.9638



87.1593, 4.8201, 17.0772



41.5933, 60.7783, -14.3470



39.6264, 2.8709, 8.4998

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.0863, 27.7840, 25.9638



56.7765, 48.0778, 34.6766



67.3162, -8.4218, 38.3658



34.4323, -0.4662, 3.8528



33.4728, 33.3351, 21.2094



8.4879, 5.3429, 5.3238

Inverse Universe

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



51.4920, -10.8121, -32.7988



61.5158, -9.8149, -53.4508



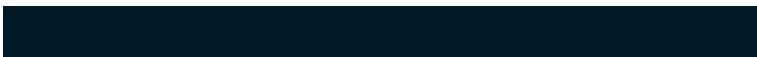
31.7822, 26.7664, -84.1858



34.6834, -3.0829, -0.1708



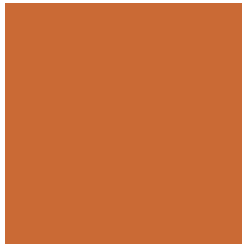
36.3521, -4.2241, -36.3183



9.0645, -2.1975, -6.5860

Previews

White Background



This preview shows how the HunterLab color 48.0850, 27.7873, 25.9632 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 48.0850, 27.7873, 25.9632 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 48.0850, 27.7873, 25.9632 Background



This preview shows how black text looks on a background with the HunterLab color 48.0850, 27.7873, 25.9632.



This preview shows how white text looks on a background with the HunterLab color 48.0850, 27.7873,

25.9632.

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

48.0850, 27.7873, 25.9632

Protanopia

48.2856, -5.8978, 24.2291

Deuteranopia

48.2101, 3.4577, 26.3284



Tritanopia

48.1197, 35.9334, 13.1413

Trichromacy



Original Color

48.0850, 27.7873, 25.9632

Protanomaly

47.6308, 5.7749, 24.4681

Deuteranomaly

47.9663, 11.9323, 26.0355

Tritanomaly

47.9877, 32.7215, 19.0022

Monochromacy



Original Color

48.0850, 27.7873, 25.9632

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

46.5642, 6.2850, 13.1260

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.0850, 27.7873, 25.9632 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(202, 106, 53)` looks like.

```
.text, #text, p{  
    color:rgb(202, 106, 53)  
}
```

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(202, 106, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 106, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 48.0850, 27.7873, 25.9632 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(202, 106, 53) }
```


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

```
.border{ border-color:rgb(202, 106, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 106, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 106, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 106, 53);  
box-shadow:4px 4px 4px 4px rgb(202, 106,  
53) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.0850, 27.7873, 25.9632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 106, 53) }
```

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

```
.background{ background-color: rgb(202,  
106, 53) }
```

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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