

Converting Colors

HunterLab(47.6450, 27.6493,
16.9557)

Have a look what the booklet for
HunterLab(47.6450, 27.6493,
16.9557) contains.

HunterLab(47.6450, 27.6493, 16.9557)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(47.6450, 27.6493,
16.9557)**

Conversions

Conversions Part 1

Format	Color
Hex	C36A5D
RGB	195, 106, 93
RGB Percent	76%, 42%, 36%
CMY	0.2353, 0.5843, 0.6353
CMYK	0.00, 0.46, 0.52, 0.24
HSL	8°, 46%, 56%
HSV	8°, 52%, 76%
XYZ	29.6355, 22.7005, 13.1755
YIQ	131.1290, 57.2170, 14.8250

Conversions

Conversions Part 2

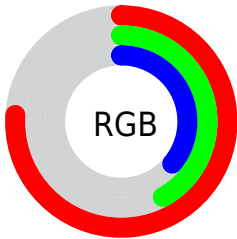
Format	Color
R_{YB}	195, 108, 93
Decimal	12806749
CIE _{Lab}	54.76, 34.03, 23.08
CIE _{LCh}	55, 41.123, 34.145
Yxy	22.7016, 0.4524, 0.3465
Android (android.graphics.Color)	4290996829 (0xFFC36A5D)
YUV	131.1290, -18.7976, 56.0149
Hunter-Lab	47.6450, 27.6493, 16.9557

Details

The HunterLab color **47.6450, 27.6493, 16.9557** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **63.0246, -22.2351, -10.1240**, and the grayscale version is **47.7487, -2.5478, 2.5943**.

A 20% lighter version of the original color is **69.3105, 29.6130, 20.9976**, and **28.8997, 25.0496, 12.7291** is the 20% darker color. If you saturate the color by 10%, you get **43.8557, 34.3543, 18.9852**, and if you desaturate by 10%, it is **51.9171, 21.0355, 14.6857**.

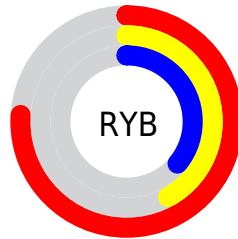
Distribution



Red (76%)

Green (42%)

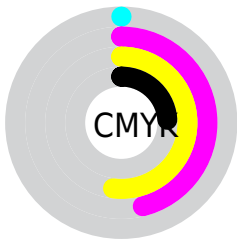
Blue (36%)



Red (76%)

Yellow (42%)

Blue (36%)

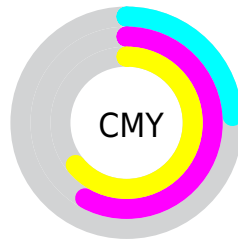


Cyan (0%)

Magenta (46%)

Yellow (52%)

Black (24%)



Cyan (24%)

Magenta (58%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.6450, 27.6493, 16.9557 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 47.6450, 27.6493, 16.9557 by changing the saturation by 10% instead.

■ 47.6450, 27.6493,
16.9557

■ 47.6450, 27.6493,
16.9557

163.1529, 34.1077,
33.0633

■ 37.9122, 26.4493,
14.9382

■ 69.2120, 29.6925,
20.7656

■ 28.9496, 25.1223,
12.8052

■ 80.9597, 30.5622,
22.5935

■ 20.8316, 23.6601,
10.5087

■ 93.3059, 31.3414,
24.3864

■ 13.6575, 22.0833,
8.8401

■ 106.2227, 32.0377,
26.1529

■ 7.2620, 22.5251,
5.0834

119.6861, 32.6573,
27.8992

0.0000, INF, NaN

0.0000, NaN, NaN

133.6746, 33.2057,

29.6306

0.0000, NaN, NaN

148.1692, 33.6878,
31.3509

0.0000, NaN, NaN

■ 47.6450, 27.6493,
16.9557

■ 47.6450, 27.6493,
16.9557

■ 43.8557, 34.3543,
18.9852

■ 51.9171, 21.0355,
14.6857

■ 40.6206, 40.9139,
20.6523

■ 56.5985, 14.6578,
12.2642

■ 38.0125, 46.9580,
21.8252

■ 61.6300, 8.5714,
9.7541

■ 36.0827, 52.0372,
22.4024

■ 66.9611, 2.7868,
7.1953

■ 35.0592, 54.9862,
22.5659

■ 72.5504, -2.7111,
4.6117

■ 78.3644, -7.9494,
2.0168

■ 84.3757, -12.9587,
-0.5824

■ 90.5619, -17.7696,
-3.1825

■ 95.0484, -23.0149,
-0.8496

Harmonies

Analogous

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



47.6462, 34.6468, 4.7872



47.6450, 27.6493, 16.9557



47.6462, 12.5684, 22.9513

Triad

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



47.6462, 27.6464, 16.9565



47.6462, -28.5422, 14.2612



47.6462, -0.1586, -40.0246

Complementary

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



47.6450, 27.6493, 16.9557



63.0246, -22.2351, -10.1240

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.



47.6462, -15.9814, -34.7434



47.6450, 27.6493, 16.9557



47.6462, -30.9664, 0.2903

Square

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



47.6462, 27.6464, 16.9565



47.6462, -19.5427, 21.8216



47.6462, -26.6973, -18.3748



47.6462, 17.2305, -30.9958

Rectangle

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



47.6450, 27.6493, 16.9557



47.6462, 0.8367, 24.3190



47.6462, -26.6973, -18.3748



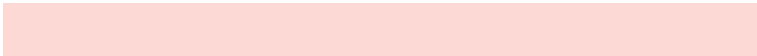
47.6462, -5.8346, -39.8802

Sweetspot

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



47.6462, 27.6464, 16.9565



86.7577, 6.7329, 10.9843



47.8058, 46.9414, -25.3499



39.8980, 3.9114, 5.4769

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.6462, 27.6464, 16.9565



57.9144, 47.4669, 25.8187



60.1131, 2.7493, 26.8752



32.0629, 0.5329, 3.0093



28.3871, 43.9283, 18.2610



6.4619, 7.4171, 4.1117

Inverse Universe

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



63.0246, -22.2351, -10.1240



81.9849, -32.2115, -16.9177



47.7463, 1.0445, -34.6729



33.4697, -3.8778, 0.5655



46.2232, -19.8578, -14.9078



9.9279, -4.5343, -2.6207

Previews

White Background



This preview shows how the HunterLab color 47.6450, 27.6493, 16.9557 looks on a white background.

Color Contrast Check

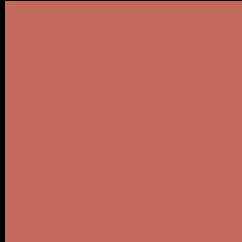
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.6450, 27.6493, 16.9557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

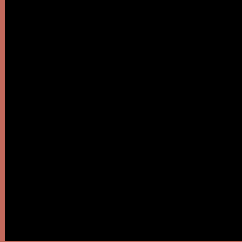
Any Text WCAG AA ✓ Pass

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 47.6450, 27.6493, 16.9557 Background



This preview shows how black text looks on a background with the HunterLab color 47.6450, 27.6493, 16.9557.



This preview shows how white text looks on a background with the HunterLab color 47.6450, 27.6493,

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

47.6450, 27.6493, 16.9557

Protanopia

47.7572, -3.4764, 13.1075

Deuteranopia

47.7609, 3.0080, 17.7501



Tritanopia

47.5226, 31.3384, 11.0690

Trichromacy



Original Color

47.6450, 27.6493, 16.9557

Protanomaly

47.2364, 7.1109, 14.0982

Deuteranomaly

47.5287, 11.6051, 17.4236

Tritanomaly

47.5772, 30.0967, 13.5228

Monochromacy



Original Color

47.6450, 27.6493, 16.9557

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

46.9824, 7.0523, 7.8354

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.6450, 27.6493, 16.9557 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(195, 106, 93)` looks like.

```
.text, #text, p{  
    color:rgb(195, 106, 93)  
}
```

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(195, 106, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 106, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 47.6450, 27.6493, 16.9557 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(195, 106, 93) }
```


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

```
.border{ border-color:rgb(195, 106, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 106, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 106, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 106, 93);  
box-shadow:4px 4px 4px 4px rgb(195, 106,  
93) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.6450, 27.6493, 16.9557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 106, 93) }
```

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

```
.background{ background-color: rgb(195,  
106, 93) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor