

Converting Colors

HunterLab(47.5986, 23.9720,
13.4085)

Have a look what the booklet for
HunterLab(47.5986, 23.9720,
13.4085) contains.

HunterLab(47.6614, 23.5849, 13.4896)	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(47.6614, 23.5849,
13.4896)**

Conversions

Conversions Part 1

Format	Color
Hex	BB6E68
RGB	187, 110, 104
RGB Percent	73%, 43%, 41%
CMY	0.2667, 0.5686, 0.5922
CMYK	0.00, 0.41, 0.44, 0.27
HSL	4°, 38%, 57%
HSV	4°, 44%, 73%
XYZ	28.5681, 22.7161, 15.9756
YIQ	132.3390, 47.8180, 14.4580

Conversions

Conversions Part 2

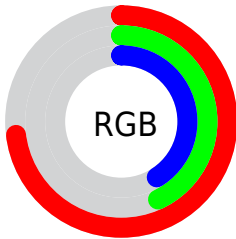
Format	Color
R_{YB}	187, 110, 104
Decimal	12283496
CIE _{Lab}	54.78, 29.84, 16.55
CIE _{LCh}	55, 34.125, 29.006
Yxy	22.7172, 0.4247, 0.3377
Android (android.graphics.Color)	4290473576 (0xFFBB6E68)
YUV	132.3390, -13.9711, 47.9377
Hunter-Lab	47.6614, 23.5849, 13.4896

Details

The HunterLab color **47.6614, 23.5849, 13.4896** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **62.9101, -21.5619, -5.9208**, and the grayscale version is **48.2104, -2.5724, 2.6194**.

A 20% lighter version of the original color is **69.3929, 25.2345, 16.7058**, and **29.0830, 21.3282, 10.4028** is the 20% darker color. If you saturate the color by 10%, you get **43.5824, 30.3398, 15.6092**, and if you desaturate by 10%, it is **52.2085, 16.9652, 11.2984**.

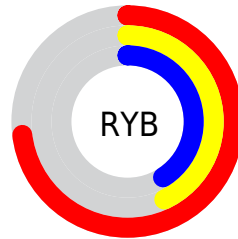
Distribution



Red (73%)

Green (43%)

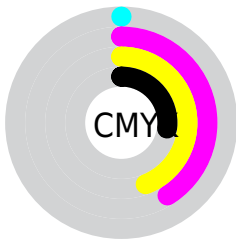
Blue (41%)



Red (73%)

Yellow (43%)

Blue (41%)

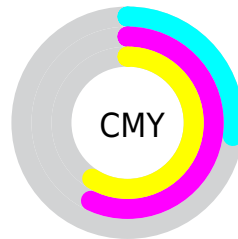


Cyan (0%)

Magenta (41%)

Yellow (44%)

Black (27%)



Cyan (27%)

Magenta (57%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.6614, 23.5849, 13.4896 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 47.6614, 23.5849, 13.4896 by changing the saturation by 10% instead.

■ 47.6614, 23.5849,
13.4896

■ 47.6614, 23.5849,
13.4896

163.1776, 28.6133,
26.6429

■ 37.9274, 22.5652,
11.9280

■ 69.2305, 25.2796,
16.4976

■ 28.9635, 21.4187,
10.3007

■ 80.9792, 25.9817,
17.9660

■ 20.8440, 20.1310,
8.5747

■ 93.3264, 26.5982,
19.4213

■ 13.6683, 18.7034,
6.8579

■ 106.2441, 27.1361,
20.8686

■ 7.2743, 19.0403,
5.0920

119.7083, 27.6016,
22.3117

0.0000, INF, NaN

0.0000, NaN, NaN

133.6977, 28.0001,

23.7536

0.0000, NaN, NaN

148.1931, 28.3359,
25.1967

0.0000, NaN, NaN

■ 47.6614, 23.5849,
13.4896

■ 47.6614, 23.5849,
13.4896

■ 43.5824, 30.3398,
15.6092

■ 52.2085, 16.9652,
11.2984

■ 40.0495, 37.0228,
17.5578

■ 57.1479, 10.5951,
9.0935

■ 37.1481, 43.2791,
19.2022


■ 62.4207, 4.5083,
6.9087


■ 34.9485, 48.6389,
20.3924


■ 67.9777, -1.2984,
4.7596


■ 33.4833, 52.6239,
21.0194


■ 73.7794, -6.8472,
2.6511

 32.9641, 54.1011,
21.2594

 79.7940, -12.1679,
0.5825

 85.9959, -17.2915,
-1.4495

 92.3644, -22.2471,
-3.4495

 94.5012, -25.0279,
-1.5638

Harmonies

Analogous

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



47.6626, 27.7319, 2.1445



47.6614, 23.5849, 13.4896



47.6626, 12.2473, 19.8411

Triad

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



47.6626, 23.5823, 13.4904



47.6626, -23.6470, 14.0642



47.6626, -3.0154, -31.1021

Complementary

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



47.6614, 23.5849, 13.4896



62.9101, -21.5619, -5.9208

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.



47.6626, -15.7291, -25.2602



47.6614, 23.5849, 13.4896



47.6626, -26.7550, 3.0399

Square

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



47.6626, 23.5823, 13.4904



47.6626, -15.0026, 20.0982



47.6626, -24.0309, -11.6959



47.6626, 11.3384, -25.9509

Rectangle

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



47.6614, 23.5849, 13.4896



47.6626, 2.7401, 21.6139



47.6626, -24.0309, -11.6959



47.6626, -7.6107, -30.3359

Sweetspot

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



47.6626, 23.5823, 13.4904



84.3914, 5.1017, 8.9054



48.8067, 38.3227, -22.6660



38.8458, 3.2232, 4.4816



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



47.6626, 23.5823, 13.4904



58.5963, 40.1253, 20.7442



58.0588, 3.1263, 22.4557



31.0552, 0.7414, 2.7747



27.4386, 44.6524, 17.6892



5.7723, 7.7455, 3.6924

Inverse Universe

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



62.9101, -21.5619, -5.9208



82.6134, -31.9736, -10.0834



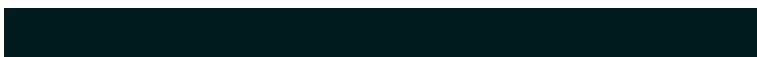
50.2767, -2.5916, -24.5070



32.6927, -3.9894, 0.7207



48.2024, -23.0247, -10.5450



9.7251, -4.7847, -1.8269

Previews

White Background



This preview shows how the HunterLab color 47.6614, 23.5849, 13.4896 looks on a white background.

Color Contrast Check

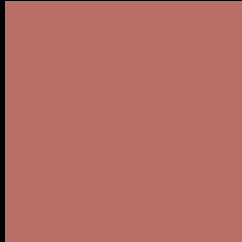
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.6614, 23.5849, 13.4896 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 47.6614, 23.5849, 13.4896 Background



This preview shows how black text looks on a background with the HunterLab color 47.6614, 23.5849, 13.4896.



This preview shows how white text looks on a background with the HunterLab color 47.6614, 23.5849,

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

47.6614, 23.5849, 13.4896

Protanopia

47.8025, -2.8675, 9.6602

Deuteranopia

47.6774, 3.1847, 14.1236



Tritanopia

47.6208, 26.3180, 9.2326

Trichromacy



Original Color

47.6614, 23.5849, 13.4896

Protanomaly

47.2860, 6.3665, 10.7521

Deuteranomaly

47.4334, 10.4712, 13.6990

Tritanomaly

47.7478, 25.3495, 10.8309

Monochromacy



Original Color

47.6614, 23.5849, 13.4896

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

47.4298, 6.0767, 6.3159

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.6614, 23.5849, 13.4896 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(187, 110, 104)` looks like.

```
.text, #text, p{  
    color:rgb(187, 110, 104)  
}
```

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(187, 110, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 110, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 47.6614, 23.5849, 13.4896 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(187, 110, 104) }
```


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

```
.border{ border-color:rgb(187, 110, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 110, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 110, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 110, 104);  
box-shadow:4px 4px 4px 4px rgb(187, 110,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.6614, 23.5849, 13.4896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 110, 104) }
```

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

```
.background{ background-color: rgb(187,  
110, 104) }
```

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