

# Converting Colors

HunterLab(47.0053, 25.9061,  
13.5958)

Have a look what the booklet for  
HunterLab(47.0053, 25.9061,  
13.5958) contains.

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# Color

**HunterLab(46.9960, 26.1523,  
13.5578)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD6A66
RGB	189, 106, 102
RGB Percent	74%, 42%, 40%
CMY	0.2588, 0.5843, 0.6000
CMYK	0.00, 0.44, 0.46, 0.26
HSL	3°, 40%, 57%
HSV	3°, 46%, 74%
XYZ	28.5386, 22.0862, 15.3293
YIQ	130.3610, 50.7520, 16.3520

# Conversions

## Conversions Part 2

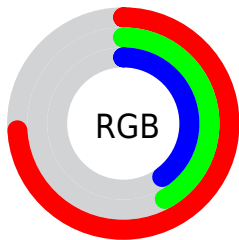
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 106, 102
Decimal	12413542
CIE Lab	54.12, 32.58, 16.85
CIE LCh	54, 36.675, 27.352
Yxy	22.0874, 0.4327, 0.3349
Android (android.graphics.Color)	4290603622 (0xFFBD6A66)
YUV	130.3610, -13.9820, 51.4264
Hunter-Lab	46.9960, 26.1523, 13.5578

# Details

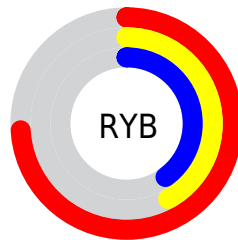
The HunterLab color **46.9960, 26.1523, 13.5578** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **64.1833, -23.2897, -5.3319**, and the grayscale version is **47.4295, -2.5307, 2.5769**.

A 20% lighter version of the original color is **68.5949, 27.9201, 16.7078**, and **28.3014, 23.7577, 10.2831** is the 20% darker color. If you saturate the color by 10%, you get **42.9189, 33.1891, 15.6940**, and if you desaturate by 10%, it is **51.5956, 19.1813, 11.3786**.

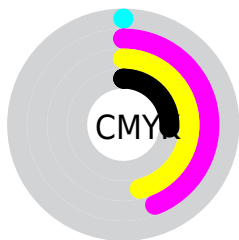
# Distribution



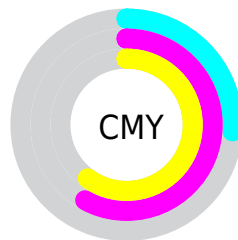
- Red (74%)
- Green (42%)
- Blue (40%)



- Red (74%)
- Yellow (42%)
- Blue (40%)



- Cyan (0%)
- Magenta (44%)
- Yellow (46%)
- Black (26%)



- Cyan (26%)
- Magenta (58%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.9960, 26.1523, 13.5578 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 46.9960, 26.1523, 13.5578 by changing the saturation by 10% instead.



■ 46.9960, 26.1523,  
13.5578

■ 46.9960, 26.1523,  
13.5578

162.1734, 32.1648,  
26.8522

■ 37.3110, 25.0060,  
11.9719

■ 68.4765, 28.0898,  
16.6064

■ 28.4004, 23.7315,  
10.3161

■ 80.1847, 28.9078,  
18.0924

■ 20.3398, 22.3190,  
8.5555

■ 92.4932, 29.6364,  
19.5639

■ 13.2308, 20.7846,  
6.9139

■ 105.3741, 30.2830,  
21.0261

■ 6.7532, 22.3048,  
4.7273

118.8029, 30.8540,  
22.4832

0.0000, INF, NaN

0.0000, NaN, NaN

132.7582, 31.3549,

23.9384

0.0000, NaN, NaN

147.2207, 31.7904,  
25.3941

0.0000, NaN, NaN

■ 46.9960, 26.1523,  
13.5578

■ 46.9960, 26.1523,  
13.5578

■ 42.9189, 33.1891,  
15.6940

■ 51.5956, 19.1813,  
11.3786

■ 39.4522, 40.0169,  
17.6763

■ 56.6321, 12.4341,  
9.2192

■ 36.6866, 46.1974,  
19.3534


■ 62.0374, 5.9673,  
7.1133


■ 34.6882, 51.1970,  
20.5602


■ 67.7554, -0.2115,  
5.0734


■ 33.4687, 54.5525,  
21.1967


■ 73.7410, -6.1214,  
3.1008

 33.1778, 55.3551,  
21.4131

 79.9581, -11.7920,  
1.1909

 86.3779, -17.2557,  
-0.6631

 92.9771, -22.5436,  
-2.4686

 94.6355, -24.5326,  
-1.3881

# Harmonies

## Analogous

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



46.9972, 30.1420, 1.2646



46.9960, 26.1523, 13.5578



46.9972, 14.1963, 20.3745

# Triad

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



46.9972, 26.1496, 13.5586



46.9972, -24.5384, 15.1493



46.9972, -3.8436, -34.2273

# Complementary

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



46.9960, 26.1523, 13.5578



64.1833, -23.2897, -5.3319

# 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.



46.9972, -17.1665, -27.1355



46.9960, 26.1523, 13.5578



46.9972, -28.1329, 3.8160

# Square

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



46.9972, 26.1496, 13.5586



46.9972, -15.1168, 21.0685



46.9972, -25.6126, -11.9788



46.9972, 11.5836, -29.1685



# Rectangle

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



46.9960, 26.1523, 13.5578



46.9972, 4.0158, 22.3121



46.9972, -25.6126, -11.9788



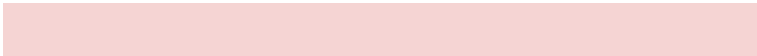
46.9972, -8.6984, -33.1456

# Sweetspot

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



46.9972, 26.1496, 13.5586



84.3776, 6.4634, 9.0195



48.8581, 40.9484, -25.6177



38.3787, 3.8419, 4.4600



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.



46.9972, 26.1496, 13.5586



57.5145, 44.2747, 20.9609



57.5185, 4.9725, 22.5719



30.9918, 0.8518, 2.7040



27.2713, 45.2141, 17.5960



5.6188, 8.2238, 3.6063



# Inverse Universe

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



64.1833, -23.2897, -5.3319



84.5021, -34.5468, -9.0347



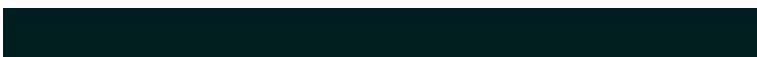
51.0139, -3.8013, -24.5867



32.7600, -4.0964, 0.8000



49.5461, -24.6735, -8.6652



9.9246, -5.0271, -1.5527



# Previews

## White Background



This preview shows how the HunterLab color 46.9960, 26.1523, 13.5578 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

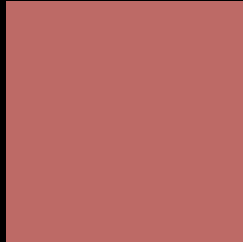
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 46.9960, 26.1523, 13.5578 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

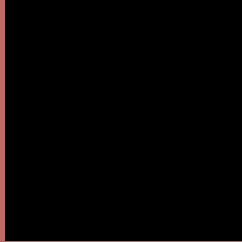
Any Text WCAG AA ✓ Pass

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 46.9960, 26.1523, 13.5578 Background



This preview shows how black text looks on a background with the HunterLab color 46.9960, 26.1523, 13.5578.



This preview shows how white text looks on a background with the HunterLab color 46.9960, 26.1523,



# 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

46.9960, 26.1523, 13.5578

### Protanopia

47.3199, -3.1539, 9.5284

### Deuteranopia

47.2656, 3.0978, 14.3717



## Tritanopia

46.9229, 28.6230, 10.0454

# Trichromacy



## Original Color

46.9960, 26.1523, 13.5578

## Protanomaly

46.6341, 6.8678, 10.4616

## Deuteranomaly

46.8871, 11.2371, 13.8424

## Tritanomaly

47.0457, 27.6767, 11.5941

# Monochromacy



## Original Color

46.9960, 26.1523, 13.5578

## Achromatopsia

47.2470, -2.5210, 2.5670

## Achromatomaly

46.4867, 6.9256, 6.1028

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 46.9960, 26.1523, 13.5578 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(189, 106, 102)` looks like.

```
.text, #text, p{  
    color:rgb(189, 106, 102)  
}
```

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(189, 106, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 106, 102) }
```

## Border

The CSS property to change the border of an element to HunterLab 46.9960, 26.1523, 13.5578 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(189, 106, 102) }
```



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

```
.border{ border-color:rgb(189, 106, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 106, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 106, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 106, 102);  
box-shadow:4px 4px 4px 4px rgb(189, 106,  
102) }
```

# Background

The CSS property to change the background color of an element to HunterLab 46.9960, 26.1523, 13.5578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 106, 102) }
```

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

```
.background{ background-color: rgb(189,  
106, 102) }
```

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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