

# Converting Colors

HunterLab(46.2851, 27.4344,  
4.5744)

Have a look what the booklet for  
HunterLab(46.2851, 27.4344,  
4.5744) contains.

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# Color

**HunterLab(46.2851, 27.4344,  
4.5744)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7687C
RGB	183, 104, 124
RGB Percent	72%, 41%, 49%
CMY	0.2824, 0.5921, 0.5137
CMYK	0.00, 0.43, 0.32, 0.28
HSL	345°, 35%, 56%
HSV	345°, 43%, 72%
XYZ	28.1168, 21.4231, 21.7219
YIQ	129.9010, 40.6640, 22.9680

# Conversions

## Conversions Part 2

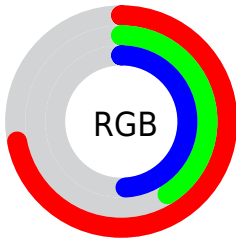
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 104, 124
Decimal	12019836
CIE <sub>Lab</sub>	53.41, 33.97, 2.81
CIE <sub>LCh</sub>	53, 34.089, 4.728
Yxy	21.4242, 0.3946, 0.3006
Android (android.graphics.Color)	4290209916 (0xFFB7687C)
YUV	129.9010, -2.9092, 46.5678
Hunter-Lab	46.2851, 27.4344, 4.5744

# Details

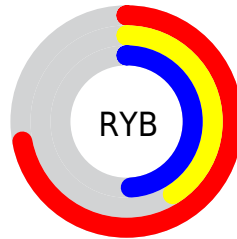
The HunterLab color **46.2851, 27.4344, 4.5744** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **62.8131, -26.7892, 5.5273**, and the grayscale version is **47.2088, -2.5189, 2.5649**.

A 20% lighter version of the original color is **67.7859, 29.2841, 6.3558**, and **27.8128, 25.0773, 3.3869** is the 20% darker color. If you saturate the color by 10%, you get **42.2006, 34.7083, 5.7520**, and if you desaturate by 10%, it is **50.8790, 20.0318, 3.8289**.

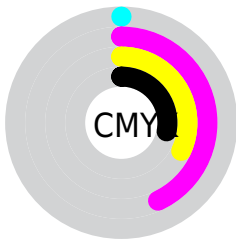
# Distribution



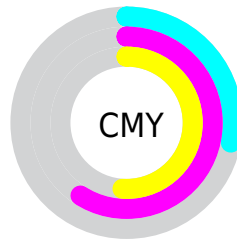
- Red (72%)
- Green (41%)
- Blue (49%)



- Red (72%)
- Yellow (41%)
- Blue (49%)



- Cyan (0%)
- Magenta (43%)
- Yellow (32%)
- Black (28%)



- Cyan (28%)
- Magenta (59%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.2851, 27.4344, 4.5744 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 46.2851, 27.4344, 4.5744 by changing the saturation by 10% instead.



46.2851, 27.4344,  
4.5744

46.2851, 27.4344,  
4.5744

161.0975, 33.9741,  
11.9264

36.6530, 26.2205,  
3.8896

67.6701, 29.5028,  
6.0292

27.7999, 24.8777,  
3.2312

79.3345, 30.3829,  
6.7964

19.8031, 23.4002,  
2.5993

91.6014, 31.1716,  
7.5896

12.7664, 21.8152,  
1.9905

104.4425, 31.8764,  
8.4084

6.1447, 25.2072,  
2.2301

117.8333, 32.5038,  
9.2521

0.0000, INF, NaN

0.0000, NaN, NaN

131.7519, 33.0594,

10.1200

0.0000, NaN, NaN

146.1791, 33.5481,  
11.0116

0.0000, NaN, NaN

■ 46.2851, 27.4344,  
4.5744

■ 46.2851, 27.4344,  
4.5744

■ 42.2006, 34.7083,  
5.7520

■ 50.8790, 20.0318,  
3.8289

■ 38.7127, 41.5392,  
7.3864

■ 55.8982, 12.6936,  
3.4596

■ 35.9126, 47.4577,  
9.4502


■ 61.2761, 5.5078,  
3.4091


■ 33.8687, 51.9227,  
11.8284


■ 66.9582, -1.4936,  
3.6234


■ 32.5958, 54.5160,  
14.3131


■ 72.9006, -8.3102,  
4.0563

 32.0423, 55.4969,  
15.8713

 79.0685, -14.9569,  
4.6703

 85.4340, -21.4546,  
5.4349

 91.9746, -27.8256,  
6.3260

 93.9699, -27.5307,  
1.8956

# Harmonies

## Analogous

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



46.2862, 24.3886, -9.7610



46.2851, 27.4344, 4.5744



46.2862, 21.7193, 14.8334

# Triad

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



46.2862, 27.4320, 4.5754



46.2862, -16.7931, 18.9760



46.2862, -13.3833, -27.0303

# Complementary

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



46.2851, 27.4344, 4.5744



62.8131, -26.7892, 5.5273

# 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.



46.2862, -22.5319, -14.5157



46.2851, 27.4344, 4.5744



46.2862, -24.3309, 12.1487

# Square

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



46.2862, 27.4320, 4.5754



46.2862, -4.6642, 21.4268



46.2862, -26.3010, 0.3648



46.2862, -0.2386, -30.8363



# Rectangle

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



46.2851, 27.4344, 4.5744



46.2862, 14.0705, 18.8944



46.2862, -26.3010, 0.3648



46.2862, -16.9752, -23.5519

# Sweetspot

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



46.2862, 27.4320, 4.5754



81.9688, 7.4166, 4.5618



45.8204, 30.3926, -29.2030



37.7589, 4.4734, 2.1356



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515



# Same Dimension

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



46.2862, 27.4320, 4.5754



56.6329, 46.1560, 7.6403



50.0934, 15.8185, 15.6416



30.0808, 1.3309, 1.6424



26.7807, 46.4191, 12.9931



5.1297, 9.0881, 0.9635



# Inverse Universe

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



46.2862, 27.4320, 4.5754



56.6329, 46.1560, 7.6403



57.5473, -14.9925, -10.9586



30.0808, 1.3309, 1.6424



26.7807, 46.4191, 12.9931



5.1297, 9.0881, 0.9635



# Previews

## White Background



This preview shows how the HunterLab color 46.2851, 27.4344, 4.5744 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

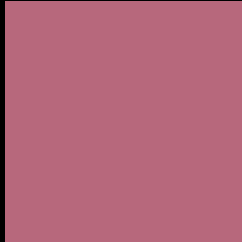
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 46.2851, 27.4344, 4.5744 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 46.2851, 27.4344, 4.5744 Background



This preview shows how black text looks on a background with the HunterLab color 46.2851, 27.4344, 4.5744.



This preview shows how white text looks on a background with the HunterLab color 46.2851, 27.4344,

4.5744.

# 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

46.2851, 27.4344, 4.5744

### Protanopia

46.4479, -0.5543, -1.5991

### Deuteranopia

46.5139, 2.9754, 5.6560



## Tritanopia

46.3336, 24.7930, 8.6134

# Trichromacy



## Original Color

46.2851, 27.4344, 4.5744

## Protanomaly

45.9951, 8.6688, 0.3540

## Deuteranomaly

46.2567, 11.5667, 5.1054

## Tritanomaly

46.2128, 25.7846, 6.9379

# Monochromacy



## Original Color

46.2851, 27.4344, 4.5744

## Achromatopsia

47.2470, -2.5210, 2.5670

## Achromatomaly

46.5003, 7.4057, 2.7439

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 46.2851, 27.4344, 4.5744 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(183, 104, 124)` looks like.

```
.text, #text, p{  
    color:rgb(183, 104, 124)  
}
```

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(183, 104, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 104, 124) }
```

## Border

The CSS property to change the border of an element to HunterLab 46.2851, 27.4344, 4.5744 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(183, 104, 124) }
```



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

```
.border{ border-color:rgb(183, 104, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 104, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 104, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 104, 124);  
box-shadow:4px 4px 4px 4px rgb(183, 104,  
124) }
```

# Background

The CSS property to change the background color of an element to HunterLab 46.2851, 27.4344, 4.5744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 104, 124) }
```

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

```
.background{ background-color: rgb(183,  
104, 124) }
```

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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