

# Converting Colors

Hex(8B4277)

Have a look what the booklet for  
Hex(8B4277) contains.

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**Color**

**Hex(8B4277)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B4277
RGB	139, 66, 119
RGB Percent	55%, 26%, 47%
CMY	0.4549, 0.7412, 0.5333
CMYK	0.00, 0.53, 0.14, 0.45
HSL	316°, 36%, 40%
HSV	316°, 53%, 55%
XYZ	15.9254, 10.7173, 18.6820
YIQ	93.8690, 26.4950, 31.9590

# Conversions

## Conversions Part 2

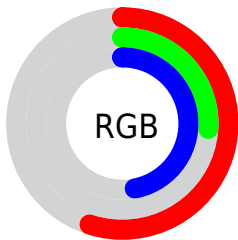
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 66, 119
Decimal	9126519
CIE <sub>Lab</sub>	39.10, 38.15, -16.13
CIE <sub>LCh</sub>	39, 41.419, 337.073
Yxy	10.7173, 0.3514, 0.2365
Android (android.graphics.Color)	4287316599 (0xFF8B4277)
<b>YUV</b>	93.8690, 12.3896, 39.5799
Hunter-Lab	32.7373, 29.5432, -10.9186

# Details

The Hex color **8B4277** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **428B56**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **C275AB**, and **570E46** is the 20% darker color. If you saturate the color by 10%, you get **8B3473**, and if you desaturate by 10%, it is **8B507B**.

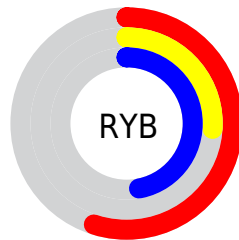
# Distribution



Red (55%)

Green (26%)

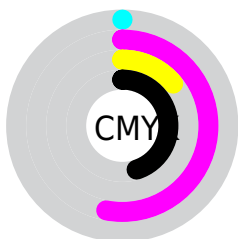
Blue (47%)



Red (55%)

Yellow (26%)

Blue (47%)

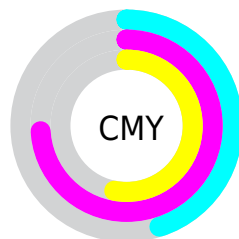


Cyan (0%)

Magenta (53%)

Yellow (14%)

Black (45%)



Cyan (45%)

Magenta (74%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B4277 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 Hex color 8B4277 by changing the saturation by 10% instead.



8B4277

8B4277

FFFFFF

70295E

C275AB

570E46

DF8FC7

3D0030

FCAA E3

29001B

FFC6FF

000000

FFE3FF

8B4277

8B4277

8B3473

8B507B

8B266F

8B5E7F

 8B186C

 8B6C82

 8B0A68

 8B7A86

 8B0065

 8B888A

 8B958E

 8BA392

 8BB195

 8BBF99

# Harmonies

## Analogous

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



685092



8B4277



993C55

# Triad

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



8B4277



665D12



006B84

# Complementary

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



8B4277



428B56

# 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.



006C63



8B4277



436623

# Square

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



8B4277



82511C



006A40



00679A

# Rectangle

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



8B4277



98403F



006A40



006C7A



# Sweetspot

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



8B4277



B598AD



55428B



5C4A57



DBDBDB



5C5C5C



# Same Dimension

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



8B4277



B54396



8B4253



453E43



850060



050004



# Inverse Universe

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



8B4277



B54396



428B7A



453E43



850060



050004



# Previews

## White Background



This preview shows how the Hex color 8B4277 looks on a white background.

## Color Contrast Check

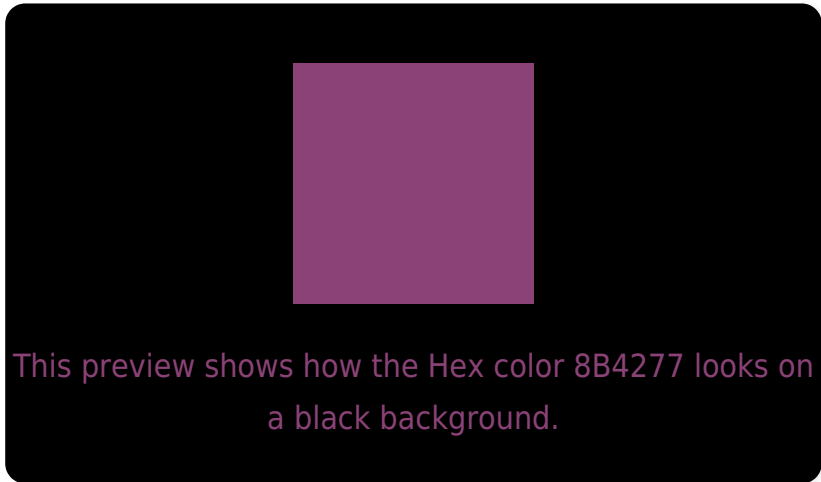
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

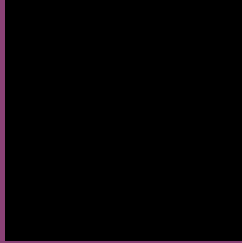
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8B4277 Background



This preview shows how black text looks on a background with the Hex color 8B4277.

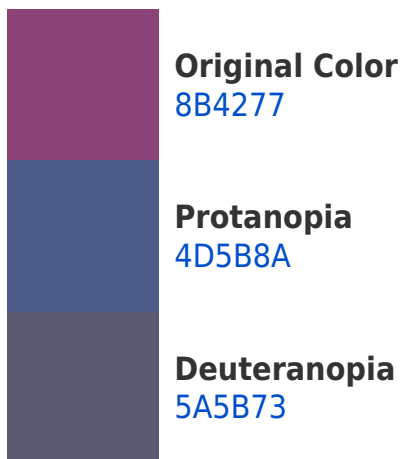


This preview shows how white text looks on a background with the Hex color 8B4277.

# 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





**Tritanopia**  
874B50

# Trichromacy



**Original Color**  
8B4277

**Protanomaly**  
645283

**Deuteranomaly**  
6C5274

**Tritanomaly**  
88485E

# Monochromacy



**Original Color**  
8B4277

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
6E5467

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B4277 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 #8B4277 looks like.

```
.text, #text, p{  
    color:#8B4277  
}
```

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 #8B4277 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B4277
}
```

## Border

The CSS property to change the border of an element to Hex 8B4277 is called "border". The border property can be set on classes, ids or directly on the HTML element.

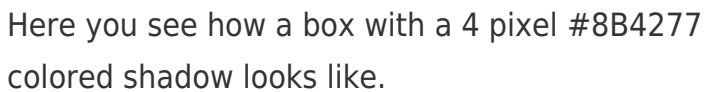
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B4277 }
```

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

```
.border{ border-color:#8B4277 }
```

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



Here you see how a box with a 4 pixel #8B4277 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B4277; -webkit-box-shadow:4px 4px  
4px 4px #8B4277; box-shadow:4px 4px 4px  
4px #8B4277 }
```

# Background

The CSS property to change the background color of an element to Hex 8B4277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B4277 }
```

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

```
.background{ background-color:#8B4277 }
```

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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