

# Converting Colors

Hex(C46277)

Have a look what the booklet for  
Hex(C46277) contains.

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**Color**

**Hex(C46277)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C46277
RGB	196, 98, 119
RGB Percent	77%, 38%, 47%
CMY	0.2314, 0.6157, 0.5333
CMYK	0.00, 0.50, 0.39, 0.23
HSL	347°, 45%, 58%
HSV	347°, 50%, 77%
XYZ	30.4624, 21.8030, 20.0556
YIQ	129.6960, 51.6670, 27.3070

# Conversions

## Conversions Part 2

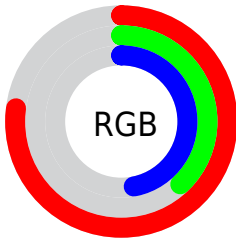
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 98, 119
Decimal	12870263
CIE <sub>Lab</sub>	53.82, 41.24, 6.58
CIE <sub>LCh</sub>	54, 41.757, 9.066
Yxy	21.8030, 0.4212, 0.3015
Android (android.graphics.Color)	4291060343 (0xFFC46277)
YUV	129.6960, -5.2731, 58.1486
Hunter-Lab	46.6937, 34.7372, 7.2197

# Details

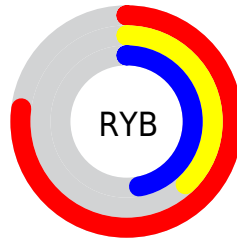
The Hex color **C46277** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **62C4AF**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF97AB**, and **8B2E47** is the 20% darker color. If you saturate the color by 10%, you get **C44E68**, and if you desaturate by 10%, it is **C47686**.

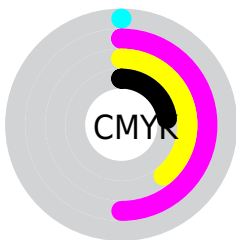
# Distribution



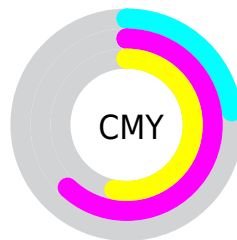
- Red (77%)
- Green (38%)
- Blue (47%)



- Red (77%)
- Yellow (38%)
- Blue (47%)



- Cyan (0%)
- Magenta (50%)
- Yellow (39%)
- Black (23%)



- Cyan (23%)
- Magenta (62%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C46277 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 C46277 by changing the saturation by 10% instead.



 C46277

 C46277

FFFFFF

 A7485E

 FF97AB

 8B2E47

 FFB3C6

 6F1231

 FFCFE2

 54001C

 FFE8FF

 3B0000

 1C0001

 000000

 C46277

 C46277

 C44E68

 C47686

 C43B58

 C48996

 C42749

 C49DA5

 C41439

 C4B0B5

 C4002A

 C4C4C4

 C4D8D3

 C4EBE3

 C4FFF2

 C4FFFF

# Harmonies

## Analogous

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



B5669B



C46277



BF6955

# Triad

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



C46277



658C47



008BC3

# Complementary

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



C46277



62C4AF

# 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.



0091AD



C46277



2F9166

# Square

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



C46277



8B8237



00938B



5781C8

# Rectangle

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



C46277



B37143



00938B



008EBE



# Sweetspot

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



C46277



FFD9E1



AF62C4



80696D



000000



808080



# Same Dimension

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



C46277



FF6687



C47E62



615759



A10022



210007



# Inverse Universe

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



C46277



FF6687



62A8C4



615759



A10022

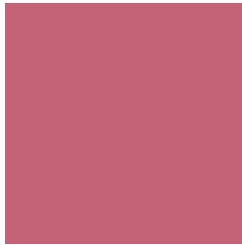


210007



# Previews

## White Background



This preview shows how the Hex color C46277 looks on a white background.

## Color Contrast Check

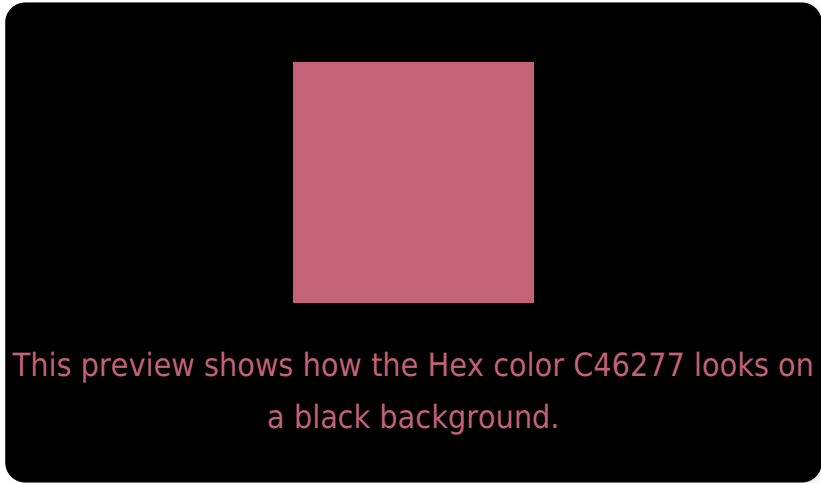
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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](#).



## Hex C46277 Background



This preview shows how black text looks on a background with the Hex color C46277.



This preview shows how white text looks on a background with the Hex color C46277.

# 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**  
C3646B

# Trichromacy



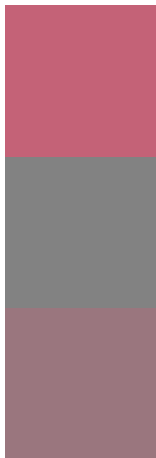
**Original Color**  
C46277

**Protanomaly**  
997582

**Deuteranomaly**  
A57374

**Tritanomaly**  
C3636F

# Monochromacy



**Original Color**  
C46277

**Achromatopsia**  
828282

**Achromatomaly**  
9A767E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C46277 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 #C46277 looks like.

```
.text, #text, p{  
    color:#C46277  
}
```

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 #C46277 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C46277
}
```

## Border

The CSS property to change the border of an element to Hex C46277 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
#C46277 }
```

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

```
.border{ border-color:#C46277 }
```

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

Here you see how a box with a 4 pixel #C46277 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C46277; -webkit-box-shadow:4px 4px  
4px 4px #C46277; box-shadow:4px 4px 4px  
4px #C46277 }
```

# Background

The CSS property to change the background color of an element to Hex C46277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C46277 }
```

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

```
.background{ background-color:#C46277 }
```

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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