

# Converting Colors

Hex(C62167)

Have a look what the booklet for  
Hex(C62167) contains.

<b>Hex(C62167)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(C62167)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C62167
RGB	198, 33, 103
RGB Percent	78%, 13%, 40%
CMY	0.2235, 0.8706, 0.5961
CMYK	0.00, 0.83, 0.48, 0.22
HSL	335°, 71%, 45%
HSV	335°, 83%, 78%
XYZ	26.2807, 14.0728, 14.1631
YIQ	90.3150, 75.8700, 56.7500

# Conversions

## Conversions Part 2

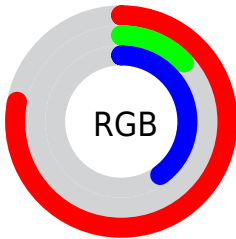
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 33, 103
Decimal	12984679
CIE Lab	44.34, 65.67, 2.69
CIE LCh	44, 65.721, 2.349
Yxy	14.0728, 0.4821, 0.2581
Android (android.graphics.Color)	4291174759 (0xFFC62167)
YUV	90.3150, 6.2537, 94.4397
Hunter-Lab	37.5137, 59.4018, 3.8749

# Details

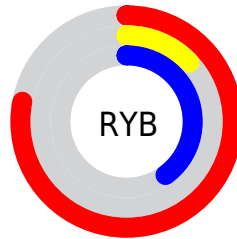
The Hex color **C62167** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **21C680**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF629A**, and **8A0038** is the 20% darker color. If you saturate the color by 10%, you get **C60D5C**, and if you desaturate by 10%, it is **C63572**.

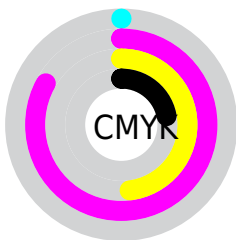
# Distribution



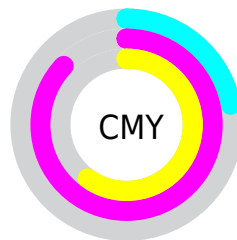
- Red (78%)
- Green (13%)
- Blue (40%)



- Red (78%)
- Yellow (13%)
- Blue (40%)



- Cyan (0%)
- Magenta (83%)
- Yellow (48%)
- Black (22%)



- Cyan (22%)
- Magenta (87%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C62167 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 C62167 by changing the saturation by 10% instead.



 C62167

 C62167

FFFFFF

 A8004F

 FF629A

 8A0038

 FF7FB5

 6C0023

 FF9CD0

 50000D

 FFB9EC

 330002

 FFD6FF

 000000

 FFF4FF

 C62167

 C62167

 C60D5C

 C63572

 C60054

 C6497E

 C65C89

 C67095

 C684A0

 C698AB

 C6ACB7

 C6BFC2

 C6D3CE

# Harmonies

## Analogous

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



AC389D



C62167



C13432

# Triad

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



C62167



437600



007BCA

# Complementary

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



C62167



21C680

# 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.



0080A2



C62167



007D32

# Square

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



C62167



7C6800



00806C



006FD7

# Rectangle

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



C62167



B1480A



00806C



007EBF



# Sweetspot

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



C62167



FFBFDA



7E21C6



805969



000000



808080



# Same Dimension

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



C62167



FF006C



C62C21



635A5E



A30045



24000F



# Inverse Universe

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



C62167



FF006C



21BBC6



635A5E



A30045



24000F



# Previews

## White Background



This preview shows how the Hex color C62167 looks on a white background.

## Color Contrast Check

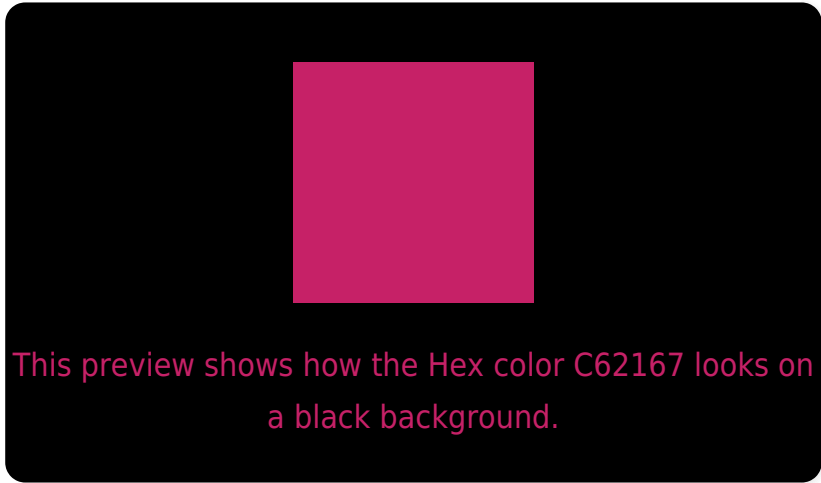
Large Text (above 18pt) WCAG AA ✓ Pass

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 C62167 Background



This preview shows how black text looks on a background with the Hex color C62167.




This preview shows how white text looks on a background with the Hex color C62167.

# 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](#).

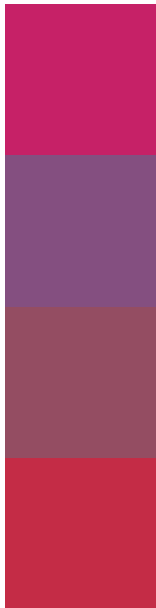
## Dichromacy





**Tritanopia**  
C33233

# Trichromacy



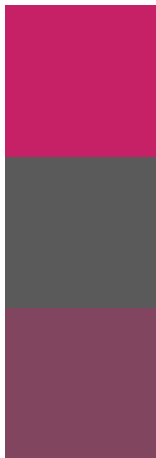
**Original Color**  
C62167

**Protanomaly**  
844F80

**Deuteranomaly**  
944D62

**Tritanomaly**  
C42C46

# Monochromacy



**Original Color**  
C62167

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
81455F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C62167 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 #C62167 looks like.

```
.text, #text, p{  
    color:#C62167  
}
```

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 #C62167 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C62167
}
```

## Border

The CSS property to change the border of an element to Hex C62167 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
#C62167 }
```

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

```
.border{ border-color:#C62167 }
```

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

Here you see how a box with a 4 pixel #C62167 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C62167; -webkit-box-shadow:4px 4px  
4px 4px #C62167; box-shadow:4px 4px 4px  
4px #C62167 }
```

# Background

The CSS property to change the background color of an element to Hex C62167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C62167 }
```

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

```
.background{ background-color:#C62167 }
```

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