

# Converting Colors

Hex(C22064)

Have a look what the booklet for  
Hex(C22064) contains.

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# Color

**Hex(C22064)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C22064
RGB	194, 32, 100
RGB Percent	76%, 13%, 39%
CMY	0.2392, 0.8745, 0.6078
CMYK	0.00, 0.84, 0.48, 0.24
HSL	335°, 72%, 44%
HSV	335°, 84%, 76%
XYZ	25.0649, 13.4225, 13.3263
YIQ	88.1900, 74.7240, 55.4920

# Conversions

## Conversions Part 2

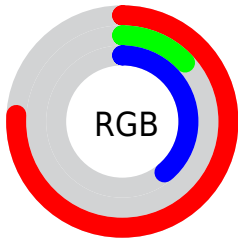
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	194, 32, 100
Decimal	12722276
CIE Lab	43.39, 64.63, 3.10
CIE LCh	43, 64.706, 2.748
Yxy	13.4225, 0.4838, 0.2591
Android (android.graphics.Color)	4290912356 (0xFFC22064)
YUV	88.1900, 5.8223, 92.7954
Hunter-Lab	36.6367, 58.0062, 4.0794

# Details

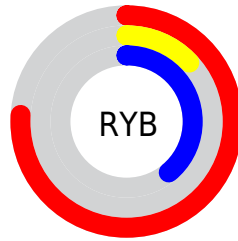
The Hex color **C22064** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **20C27E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF6197**, and **860036** is the 20% darker color. If you saturate the color by 10%, you get **C20D59**, and if you desaturate by 10%, it is **C2336F**.

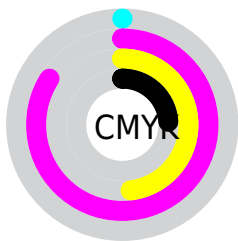
# Distribution



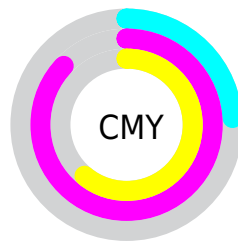
- Red (76%)
- Green (13%)
- Blue (39%)



- Red (76%)
- Yellow (13%)
- Blue (39%)



- Cyan (0%)
- Magenta (84%)
- Yellow (48%)
- Black (24%)



- Cyan (24%)
- Magenta (87%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C22064 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 C22064 by changing the saturation by 10% instead.



 C22064

 C22064

FFFFFF

 A4004C

 FF6197

 860036

 FF7DB1

 690021

 FF9ACD

 4D0009

 FFB7E9

 2F0002

 FFD4FF

 000000

 FFF2FF

 C22064

 C22064

 C20D59

 C2336F

 C20051

 C2477B

 C25A86

 C26E91

 C2819C

 C294A8

 C2A8B3

 C2BBBE

 C2CFC9

# Harmonies

## Analogous

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



A93799



C22064



BD3330

# Triad

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



C22064



417300



0078C6

# Complementary

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



C22064



20C27E

# 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.



007DA0



C22064



007B32

# Square

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



C22064



786600



007D6A



006CD3

# Rectangle

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



C22064



AD4708



007D6A



007BBC



# Sweetspot

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



C22064



FCBDD8



7C20C2



805969



000000



808080



# Same Dimension

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



C22064



FC006A



C22B20



61575B



A10043



21000E



# Inverse Universe

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



C22064



FC006A



20B7C2



61575B



A10043



21000E



# Previews

## White Background



This preview shows how the Hex color C22064 looks on a white background.

## Color Contrast Check

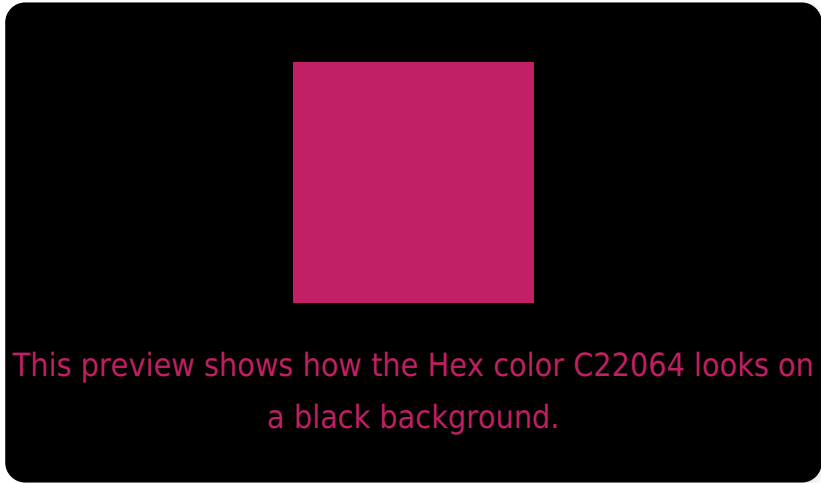
Large Text (above 18pt) WCAG AA ✓ Pass

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 C22064 Background



This preview shows how black text looks on a background with the Hex color C22064.



This preview shows how white text looks on a background with the Hex color C22064.

# 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



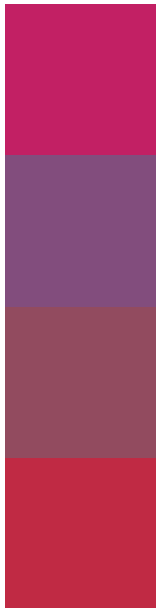
**Original Color**  
C22064

**Protanopia**  
5D668B

**Deuteranopia**  
76645C



# Trichromacy



**Original Color**  
C22064

**Protanomaly**  
824D7D

**Deuteranomaly**  
924B5F

**Tritanomaly**  
C02A44

# Monochromacy



**Original Color**  
C22064

**Achromatopsia**  
585858

**Achromatomaly**  
7F445C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C22064 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 #C22064 looks like.

```
.text, #text, p{  
    color:#C22064  
}
```

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 #C22064 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C22064
}
```

## Border

The CSS property to change the border of an element to Hex C22064 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
#C22064 }
```

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

```
.border{ border-color:#C22064 }
```

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

Here you see how a box with a 4 pixel #C22064 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C22064; -webkit-box-shadow:4px 4px  
4px 4px #C22064; box-shadow:4px 4px 4px  
4px #C22064 }
```

# Background

The CSS property to change the background color of an element to Hex C22064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C22064 }
```

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

```
.background{ background-color:#C22064 }
```

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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