

# Converting Colors

Hex(CF2D91)

Have a look what the booklet for  
Hex(CF2D91) contains.

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# Color

**Hex(CF2D91)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF2D91
RGB	207, 45, 145
RGB Percent	81%, 18%, 57%
CMY	0.1882, 0.8235, 0.4314
CMYK	0.00, 0.78, 0.30, 0.19
HSL	323°, 64%, 49%
HSV	323°, 78%, 81%
XYZ	31.7813, 17.1865, 28.4303
YIQ	104.8380, 64.4520, 65.4440

# Conversions

## Conversions Part 2

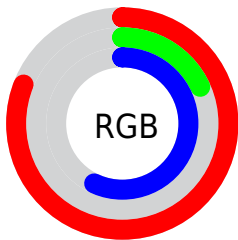
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">207, 45, 145</a>
Decimal	<a href="#">13577617</a>
CIELab	<a href="#">48.49, 69.05, -16.63</a>
CIELCh	<a href="#">48, 71.025, 346.455</a>
Yxy	<a href="#">17.1865, 0.4106, 0.2221</a>
Android (android.graphics.Color)	<a href="#">4291767697 (0xFFCF2D91)</a>
YUV	<a href="#">104.8380, 19.7999, 89.5961</a>
Hunter-Lab	<a href="#">41.4566, 64.2921, -11.6406</a>

# Details

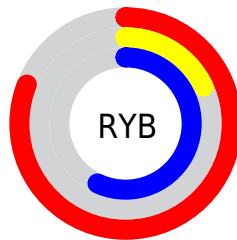
The Hex color **CF2D91** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **2DCF6B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF6CC7**, and **94005E** is the 20% darker color. If you saturate the color by 10%, you get **CF1889**, and if you desaturate by 10%, it is **CF4299**.

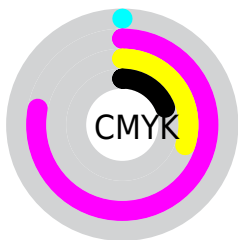
# Distribution



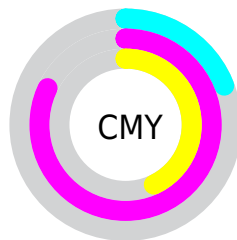
- Red (81%)
- Green (18%)
- Blue (57%)



- Red (81%)
- Yellow (18%)
- Blue (57%)



- Cyan (0%)
- Magenta (78%)
- Yellow (30%)
- Black (19%)



- Cyan (19%)
- Magenta (82%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF2D91 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 CF2D91 by changing the saturation by 10% instead.



 CF2D91

 CF2D91

FFFFFF

 B10077

 FF6CC7

 94005E

 FF89E3

 770047

 FFA6FF

 5A0030

 FFC3FF

 40001C

 FFE1FF

 210001

 000000

 CF2D91

 CF2D91

 CF1889

 CF4299

 CF0481

 CF56A1

 CF0080

 CF6BA9

 CF80B1

 CF95B9

 CFA9C1

 CFBEC8

 CFD3D0

 CFE7D8

# Harmonies

## Analogous

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



9D51C7



CF2D91



DB2855

# Triad

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



CF2D91



6D7B00



008BCA

# Complementary

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



CF2D91



2DCF6B

# 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.



008D94



CF2D91



11860F

# Square

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



CF2D91



A26700



008B55



0082E9

# Rectangle

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



CF2D91



D13D2F



008B55



008CBA



# Sweetspot

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



CF2D91



FFC4E9



682DCF



805C72



000000



808080



# Same Dimension

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



CF2D91



FF0FA3



CF2D43



695E65



A80068



290019



# Inverse Universe

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



CF2D91



FF0FA3



2DCFB9



695E65



A80068



290019



# Previews

## White Background



This preview shows how the Hex color CF2D91 looks on a white background.

## Color Contrast Check

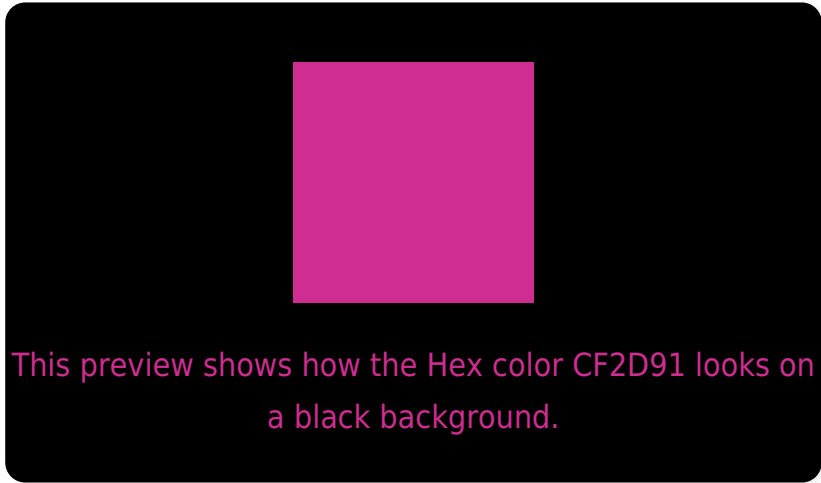
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF2D91 Background



This preview shows how black text looks on a background with the Hex color CF2D91.

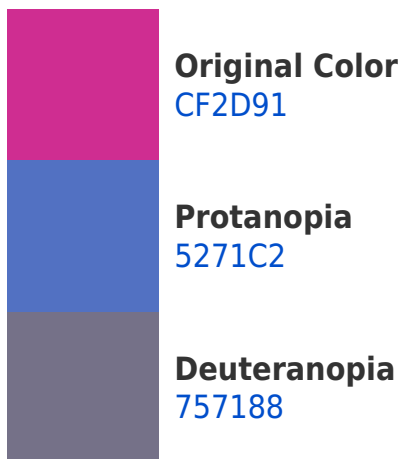


This preview shows how white text looks on a background with the Hex color CF2D91.

# 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





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF2D91 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 #CF2D91 looks like.

```
.text, #text, p{  
    color:#CF2D91  
}
```

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 #CF2D91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF2D91
}
```

## Border

The CSS property to change the border of an element to Hex CF2D91 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
#CF2D91 }
```

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

```
.border{ border-color:#CF2D91 }
```

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

Here you see how a box with a 4 pixel #CF2D91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF2D91; -webkit-box-shadow:4px 4px  
4px 4px #CF2D91; box-shadow:4px 4px 4px  
4px #CF2D91 }
```

# Background

The CSS property to change the background color of an element to Hex CF2D91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF2D91 }
```

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

```
.background{ background-color:#CF2D91 }
```

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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