

# Converting Colors

Hex(FA2D74)

Have a look what the booklet for  
Hex(FA2D74) contains.

<b>Hex(FA2D74)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(FA2D74)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FA2D74
RGB	250, 45, 116
RGB Percent	98%, 18%, 45%
CMY	0.0196, 0.8235, 0.5451
CMYK	0.00, 0.82, 0.54, 0.02
HSL	339°, 95%, 58%
HSV	339°, 82%, 98%
XYZ	43.5151, 23.4617, 18.7581
YIQ	114.3890, 99.3890, 65.5410

# Conversions

## Conversions Part 2

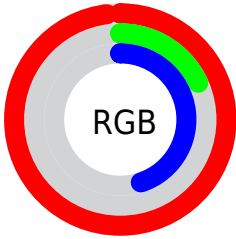
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 45, 116
Decimal	16395636
CIE Lab	55.54, 76.98, 12.07
CIE LCh	56, 77.921, 8.909
Yxy	23.4617, 0.5076, 0.2737
Android (android.graphics.Color)	4294585716 (0xFFFA2D74)
YUV	114.3890, 0.7942, 118.9308
Hunter-Lab	48.4373, 75.5956, 10.9452

# Details

The Hex color **FA2D74** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **2DFAB3**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF72A8**, and **BB0044** is the 20% darker color. If you saturate the color by 10%, you get **FA1464**, and if you desaturate by 10%, it is **FA4684**.

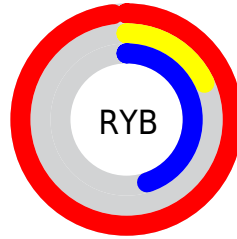
# Distribution



Red (98%)

Green (18%)

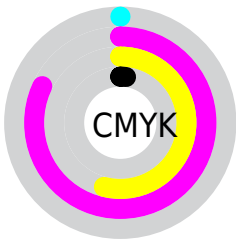
Blue (45%)



Red (98%)

Yellow (18%)

Blue (45%)

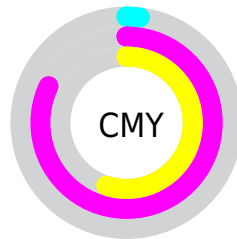


Cyan (0%)

Magenta (82%)

Yellow (54%)

Black (2%)



Cyan (2%)

Magenta (82%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA2D74 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 FA2D74 by changing the saturation by 10% instead.



 FA2D74

 FA2D74

FFFFFF

 DA005C

 FF72A8

 BB0044

 FF90C3

 9B002F

 FFAEDF

 7C001B

 FFCCFB

 5E0003

 FFEAFF

 3F0003

 1C0001

 000000

 FA2D74

 FA2D74

 FA1464

 FA4684

 FA0057

 FA5F95

 FA78A5

 FA91B5

 FAAAC6

 FAC3D6

 FADCE6

 FAF5F7

 FAFFFF

# Harmonies

## Analogous

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



E340B7



FA2D74



ED4C33

# Triad

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



FA2D74



419800



0099FF

# Complementary

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



FA2D74



2DFAB3

# 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.



00A1D9



FA2D74



009F51

# Square

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



FA2D74



8F8900



00A298



0087FF

# Rectangle

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



FA2D74



D66500



00A298



009DF9



# Sweetspot

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



FA2D74



FFBFD5



B22DFA



805966



000000



808080



# Same Dimension

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



FA2D74



FF055C



FA4C2D



7D7075



BD0041



3D0015



# Inverse Universe

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



FA2D74



FF055C



2DDBFA



7D7075



BD0041



3D0015



# Previews

## White Background



This preview shows how the Hex color FA2D74 looks on a white background.

## Color Contrast Check

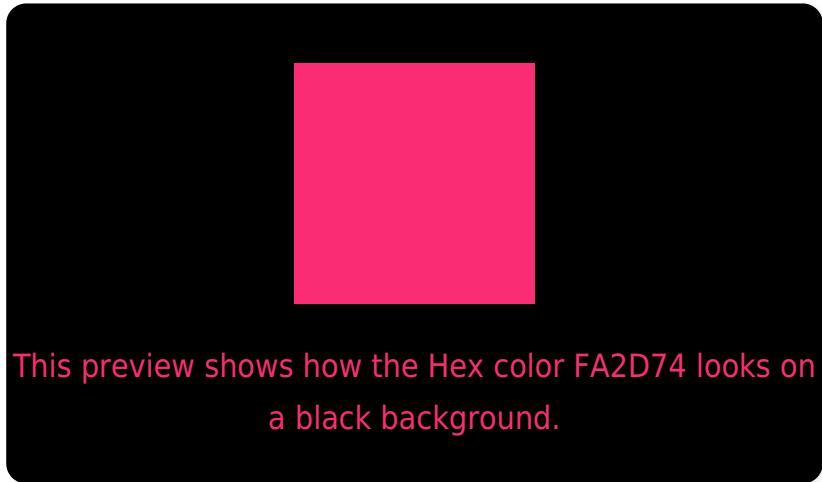
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA2D74 Background



This preview shows how black text looks on a background with the Hex color FA2D74.



This preview shows how white text looks on a background with the Hex color FA2D74.

# 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**  
FA2D74

**Protanopia**  
7F84A0

**Deuteranopia**  
9C806A



**Tritanopia**  
F73C3E

# Trichromacy



**Original Color**  
FA2D74



**Protanomaly**  
AC6490



**Deuteranomaly**  
BE626E



**Tritanomaly**  
F83752

# Monochromacy



**Original Color**  
FA2D74



**Achromatopsia**  
727272



**Achromatomaly**  
A35973

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA2D74 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 #FA2D74 looks like.

```
.text, #text, p{  
    color:#FA2D74  
}
```

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 #FA2D74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA2D74
}
```

## Border

The CSS property to change the border of an element to Hex FA2D74 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
#FA2D74 }
```

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

```
.border{ border-color:#FA2D74 }
```

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

Here you see how a box with a 4 pixel #FA2D74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA2D74; -webkit-box-shadow:4px 4px  
4px 4px #FA2D74; box-shadow:4px 4px 4px  
4px #FA2D74 }
```

# Background

The CSS property to change the background color of an element to Hex FA2D74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA2D74 }
```

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

```
.background{ background-color:#FA2D74 }
```

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