

Converting Colors

Hex(FF2D68)

Have a look what the booklet for
Hex(FF2D68) contains.

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Color

Hex(F F 2 D 6 8)

Conversions

Conversions Part 1

Format	Color
Hex	FF2D68
RGB	255, 45, 104
RGB Percent	100%, 18%, 41%
CMY	0.0000, 0.8235, 0.5922
CMYK	0.00, 0.82, 0.59, 0.00
HSL	343°, 100%, 59%
HSV	343°, 82%, 100%
XYZ	44.6771, 24.1362, 15.4007
YIQ	114.5160, 106.2210, 62.8690

Conversions

Conversions Part 2

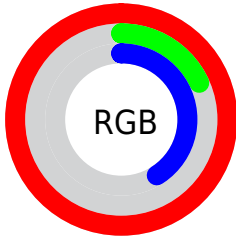
Format	Color
R_{YB}	255, 45, 104
Decimal	16723304
CIE Lab	56.22, 77.45, 20.32
CIE LCh	56, 80.074, 14.699
Yxy	24.1362, 0.5305, 0.2866
Android (android.graphics.Color)	4294913384 (0xFFFF2D68)
YUV	114.5160, -5.1844, 123.2045
Hunter-Lab	49.1287, 76.3509, 15.8040

Details

The Hex color **FF2D68** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **2DFFC4**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF729B**, and **BF003A** is the 20% darker color. If you saturate the color by 10%, you get **FF1456**, and if you desaturate by 10%, it is **FF477A**.

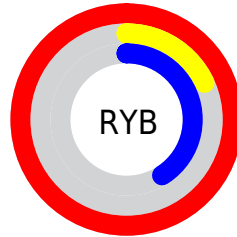
Distribution



Red (100%)

Green (18%)

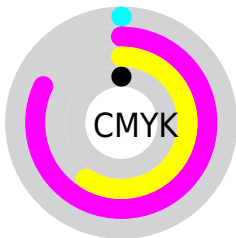
Blue (41%)



Red (100%)

Yellow (18%)

Blue (41%)

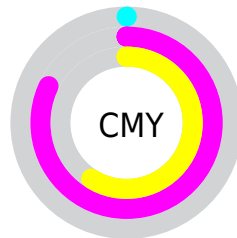


Cyan (0%)

Magenta (82%)

Yellow (59%)

Black (0%)



Cyan (0%)

Magenta (82%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF2D68 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 FF2D68 by changing the saturation by 10% instead.

 FF2D68

 FF2D68

FFFFFF

 DF0050

 FF729B

 BF003A

 FF90B5

 9F0025

 FFAED1

 7F0011

 FFCDED

 600003

 FFE8FF

 420003

 200001

 000000

 FF2D68

 FF2D68

 FF1456

 FF477A

 FF0048

 FF608D

 FF7A9F

 FF93B1

 FFADC4

 FFC6D6

 FFE0E8

 FFF9FB

FFFFFF

Harmonies

Analogous

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



EF37AD



FF2D68



EC5324

Triad

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



FF2D68



239C07



0099FF

Complementary

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



FF2D68



2DFFC4

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.



00A3E8



FF2D68



00A35F

Square

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



FF2D68



848E00



00A5A8



0084FF

Rectangle

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



FF2D68



D16C00



00A5A8



009DFF

Sweetspot

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



FF2D68



FFBFD1



C42DFF



805964



000000



808080

Same Dimension

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



FF2D68



FF0349



FF5B2D



807376



BF0036



400012

Inverse Universe

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



FF2D68



FF0349



2DD2FF



807376



BF0036



400012

Previews

White Background



This preview shows how the Hex color FF2D68 looks on a white background.

Color Contrast Check

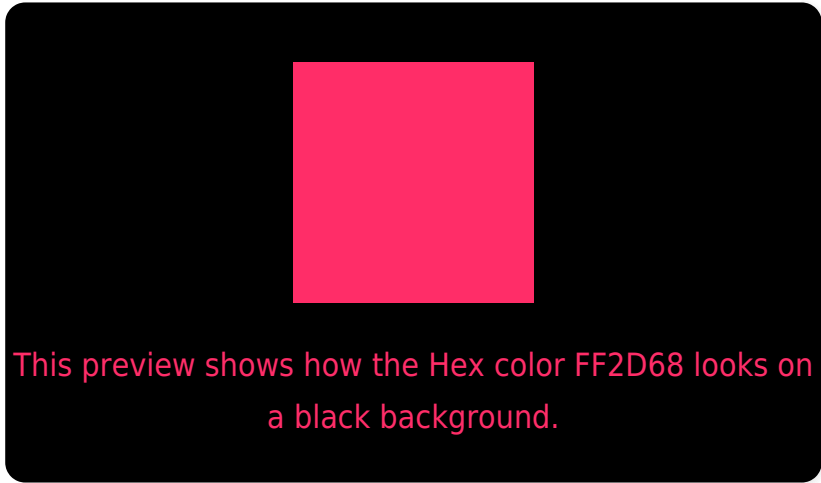
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF2D68 Background



This preview shows how black text looks on a background with the Hex color FF2D68.

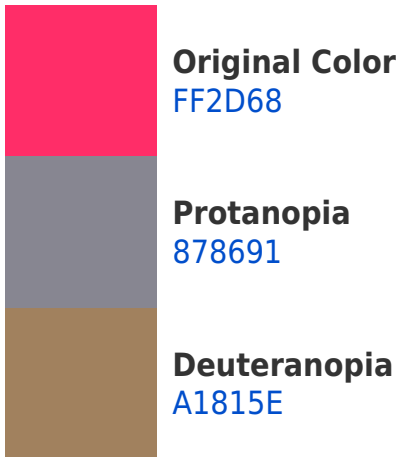


This preview shows how white text looks on a background with the Hex color FF2D68.

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



Original Color
FF2D68



Protanomaly
B36682



Deuteranomaly
C36262

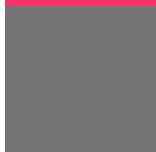


Tritanomaly
FE354B

Monochromacy



Original Color
FF2D68



Achromatopsia
737373



Achromatomaly
A65A6F

CSS Examples

Text

The CSS property to change the color of the text to Hex FF2D68 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 #FF2D68 looks like.

```
.text, #text, p{  
    color:#FF2D68  
}
```

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 #FF2D68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2D68
}
```

Border

The CSS property to change the border of an element to Hex FF2D68 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
#FF2D68 }
```

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

```
.border{ border-color:#FF2D68 }
```

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

Here you see how a box with a 4 pixel #FF2D68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2D68; -webkit-box-shadow:4px 4px  
4px 4px #FF2D68; box-shadow:4px 4px 4px  
4px #FF2D68 }
```

Background

The CSS property to change the background color of an element to Hex FF2D68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2D68 }
```

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

```
.background{ background-color:#FF2D68 }
```

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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