

# Converting Colors

Hex(FD2E5D)

Have a look what the booklet for  
Hex(FD2E5D) contains.

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# Color

**Hex(FD2E5D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD2E5D
RGB	253, 46, 93
RGB Percent	99%, 18%, 36%
CMY	0.0078, 0.8196, 0.6353
CMYK	0.00, 0.82, 0.63, 0.01
HSL	346°, 98%, 59%
HSV	346°, 82%, 99%
XYZ	43.4608, 23.6270, 12.6257
YIQ	113.2510, 108.2850, 58.5010

# Conversions

## Conversions Part 2

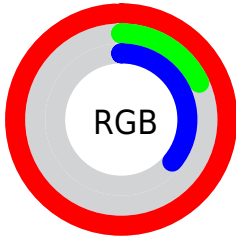
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">253, 46, 93</a>
Decimal	<a href="#">16592477</a>
CIELab	<a href="#">55.71, 76.10, 26.11</a>
CIElCh	<a href="#">56, 80.454, 18.940</a>
Yxy	<a href="#">23.6270, 0.5452, 0.2964</a>
Android (android.graphics.Color)	<a href="#">4294782557 (0xFFFD2E5D)</a>
YUV	<a href="#">113.2510, -9.9837, 122.5599</a>
Hunter-Lab	<a href="#">48.6076, 74.5364, 18.6248</a>

# Details

The Hex color **FD2E5D** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **2EFDCE**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF728F**, and **BC0030** is the 20% darker color. If you saturate the color by 10%, you get **FD1549**, and if you desaturate by 10%, it is **FD4771**.

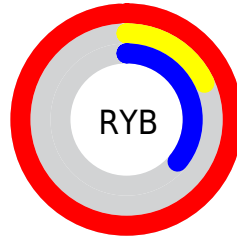
# Distribution



Red (99%)

Green (18%)

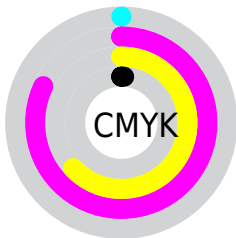
Blue (36%)



Red (99%)

Yellow (18%)

Blue (36%)

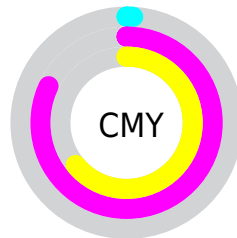


Cyan (0%)

Magenta (82%)

Yellow (63%)

Black (1%)



Cyan (1%)

Magenta (82%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FD2E5D 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 FD2E5D by changing the saturation by 10% instead.



 FD2E5D

 FD2E5D

FFFFFF

 DD0046

 FF728F

 BC0030

 FF90A9

 9D001C

 FFAEC5

 7D0002

 FFCCE0

 5D0003

 FFEAFD

 3F0003

 1C0001

 000000

 FD2E5D

 FD2E5D

■ FD1549

■ FD4771

■ FD0039

■ FD6184

■ FD7A98

■ FD93AB

■ FDADBF

■ FDC6D2

■ FDDFE6

■ FDF8F9

FDFFFF

# Harmonies

## Analogous

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



F32EA2



FD2E5D



E65716

# Triad

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



FD2E5D



009C18



0096FF

# Complementary

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



FD2E5D



2EFDCE

# 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.



00A1EF



FD2E5D



00A268

# Square

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



FD2E5D



789000



00A4B1



2B7FFF

# Rectangle

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



FD2E5D



C86F00



00A4B1



009BFF



# Sweetspot

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



FD2E5D



FFBFCE



CD2EFD



805962



000000



808080



# Same Dimension

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



FD2E5D



FF053E



FD652E



807376



BF002B



40000E



# Inverse Universe

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



FD2E5D



FF053E



2EC6FD



807376



BF002B



40000E



# Previews

## White Background



This preview shows how the Hex color FD2E5D looks on a white background.

## Color Contrast Check

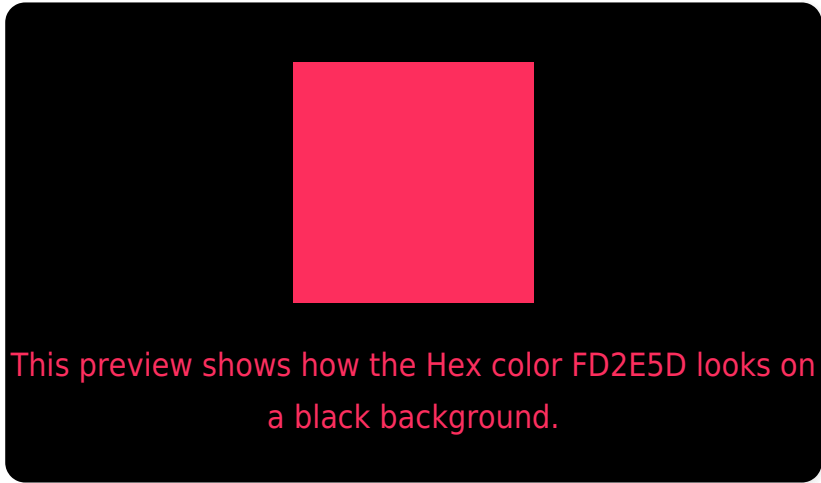
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD2E5D Background



This preview shows how black text looks on a background with the Hex color FD2E5D.

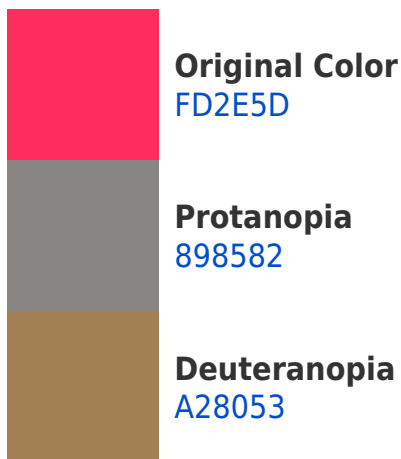


This preview shows how white text looks on a background with the Hex color FD2E5D.

# 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**  
FC3738

# Trichromacy



**Original Color**  
FD2E5D



**Protanomaly**  
B36575



**Deuteranomaly**  
C36257



**Tritanomaly**  
FC3445

# Monochromacy



**Original Color**  
FD2E5D



**Achromatopsia**  
717171



**Achromatomaly**  
A4596A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FD2E5D 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 #FD2E5D looks like.

```
.text, #text, p{  
    color:#FD2E5D  
}
```

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 #FD2E5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD2E5D
}
```

## Border

The CSS property to change the border of an element to Hex FD2E5D 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
#FD2E5D }
```

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

```
.border{ border-color:#FD2E5D }
```

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

Here you see how a box with a 4 pixel #FD2E5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD2E5D; -webkit-box-shadow:4px 4px  
4px 4px #FD2E5D; box-shadow:4px 4px 4px  
4px #FD2E5D }
```

# Background

The CSS property to change the background color of an element to Hex FD2E5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD2E5D }
```

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

```
.background{ background-color:#FD2E5D }
```

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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