

Converting Colors

Hex(FF2D5E)

Have a look what the booklet for
Hex(FF2D5E) contains.

Hex(FF2D5E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F F 2 D 5 E)

Conversions

Conversions Part 1

Format	Color
Hex	FF2D5E
RGB	255, 45, 94
RGB Percent	100%, 18%, 37%
CMY	0.0000, 0.8235, 0.6314
CMYK	0.00, 0.82, 0.63, 0.00
HSL	346°, 100%, 59%
HSV	346°, 82%, 100%
XYZ	44.1988, 23.9449, 12.8820
YIQ	113.3760, 109.4310, 59.7590

Conversions

Conversions Part 2

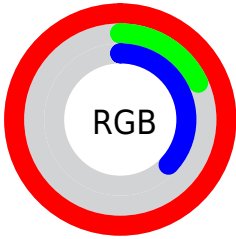
Format	Color
RYB	255, 45, 94
Decimal	16723294
CIELab	56.03, 76.89, 26.01
CIElCh	56, 81.166, 18.691
Yxy	23.9449, 0.5455, 0.2955
Android (android.graphics.Color)	4294913374 (0xFFFF2D5E)
YUV	113.3760, -9.5524, 124.2042
Hunter-Lab	48.9336, 75.5947, 18.6451

Details

The Hex color **FF2D5E** 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 **2DFFCE**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF7290**, and **BE0031** is the 20% darker color. If you saturate the color by 10%, you get **FF144A**, and if you desaturate by 10%, it is **FF4772**.

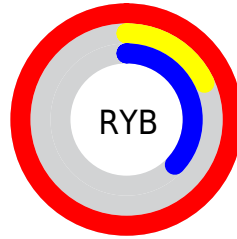
Distribution



Red (100%)

Green (18%)

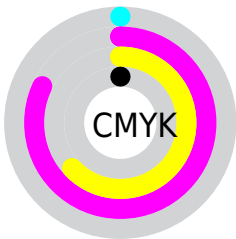
Blue (37%)



Red (100%)

Yellow (18%)

Blue (37%)

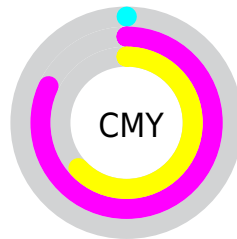


Cyan (0%)

Magenta (82%)

Yellow (63%)

Black (0%)



Cyan (0%)

Magenta (82%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF2D5E 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 FF2D5E by changing the saturation by 10% instead.

 FF2D5E

 FF2D5E

FFFFFF

 DF0047

 FF7290

 BE0031

 FF90AA

 9E001D

 FFAEC6

 7F0004

 FFCCE2

 5F0003

 FFEAFE

 410003

 1E0001

 000000

 FF2D5E

 FF2D5E

 FF144A

 FF4772

 FF003C

 FF6085

 FF7A99

 FF93AC

 FFADC0

 FFC6D3

 FFE0E7

 FFF9FA

FFFFFF

Harmonies

Analogous

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



F42EA4



FF2D5E



E85716

Triad

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



FF2D5E



009D17



0097FF

Complementary

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



FF2D5E



2DFFCE

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.



00A2F0



FF2D5E



00A368

Square

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



FF2D5E



799000



00A5B2



2680FF

Rectangle

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



FF2D5E



CA6F00



00A5B2



009CFF

Sweetspot

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



FF2D5E



FFBFCE



CE2DFF



805962



000000



808080

Same Dimension

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



FF2D5E



FF033D



FF652D



807376



BF002D



40000F

Inverse Universe

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



FF2D5E



FF033D



2DC7FF



807376



BF002D



40000F

Previews

White Background



This preview shows how the Hex color FF2D5E looks on a white background.

Color Contrast Check

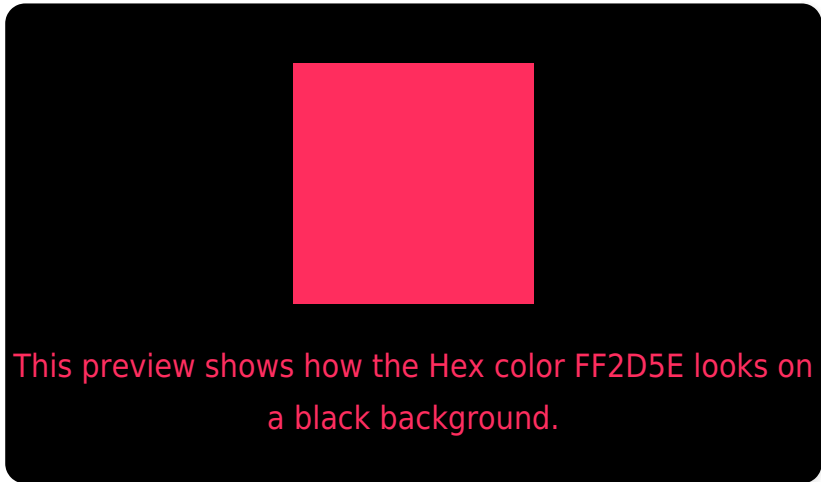
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF2D5E Background



This preview shows how black text looks on a background with the Hex color FF2D5E.



This preview shows how white text looks on a background with the Hex color FF2D5E.

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
FF2D5E



Protanomaly
B56676



Deuteranomaly
C46258

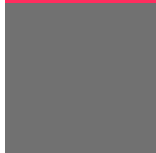


Tritanomaly
FE3345

Monochromacy



Original Color
FF2D5E



Achromatopsia
717171



Achromatomaly
A5586A

CSS Examples

Text

The CSS property to change the color of the text to Hex FF2D5E 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 #FF2D5E looks like.

```
.text, #text, p{  
    color:#FF2D5E  
}
```

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 #FF2D5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2D5E
}
```

Border

The CSS property to change the border of an element to Hex FF2D5E 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
#FF2D5E }
```

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

```
.border{ border-color:#FF2D5E }
```

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

Here you see how a box with a 4 pixel #FF2D5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2D5E; -webkit-box-shadow:4px 4px  
4px 4px #FF2D5E; box-shadow:4px 4px 4px  
4px #FF2D5E }
```

Background

The CSS property to change the background color of an element to Hex FF2D5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2D5E }
```

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

```
.background{ background-color:#FF2D5E }
```

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