

Converting Colors

Hex(FD564A)

Have a look what the booklet for
Hex(FD564A) contains.

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Color

Hex(FD564A)

Conversions

Conversions Part 1

Format	Color
Hex	FD564A
RGB	253, 86, 74
RGB Percent	99%, 34%, 29%
CMY	0.0078, 0.6627, 0.7098
CMYK	0.00, 0.66, 0.71, 0.01
HSL	4°, 98%, 64%
HSV	4°, 71%, 99%
XYZ	45.0718, 28.0326, 9.5139
YIQ	134.5650, 103.3840, 31.6720

Conversions

Conversions Part 2

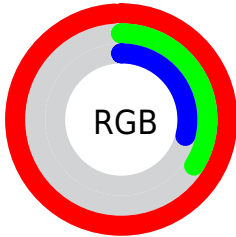
Format	Color
RYB	253, 87, 74
Decimal	16602698
CIELab	59.92, 62.67, 42.14
CIElCh	60, 75.524, 33.920
Yxy	28.0326, 0.5455, 0.3393
Android (android.graphics.Color)	4294792778 (0xFFFD564A)
YUV	134.5650, -29.8585, 103.8675
Hunter-Lab	52.9459, 59.2985, 26.4083

Details

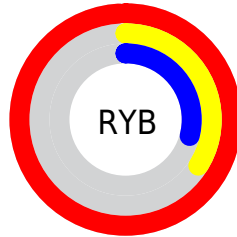
The Hex color **FD564A** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **4AF1FD**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF8F7B**, and **BD0F1D** is the 20% darker color. If you saturate the color by 10%, you get **FD3E31**, and if you desaturate by 10%, it is **FD6E63**.

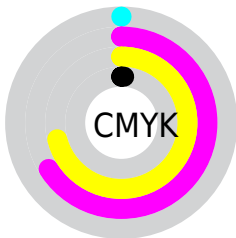
Distribution



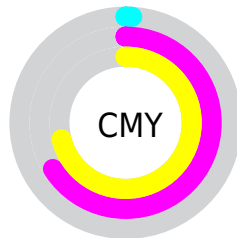
- Red (99%)
- Green (34%)
- Blue (29%)



- Red (99%)
- Yellow (34%)
- Blue (29%)



- Cyan (0%)
- Magenta (66%)
- Yellow (71%)
- Black (1%)



- Cyan (1%)
- Magenta (66%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD564A 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 FD564A by changing the saturation by 10% instead.

 FD564A

 FD564A

FFFFFF

 DD3833

 FF8F7B

 BD0F1D

 FFAC95

 9D0006

 FFC9B0

 7E0000

 FFE6CC

 5F0000

 FFFFEE

 430003

 210001

 000000

 FD564A

 FD564A

■ FD3E31

■ FD6E63

■ FD2717

■ FD857D

■ FD1100

■ FD9D96

■ FDB4AF

■ FDCCC9

■ FDE4E2

■ FDFBFB

FDFFFF

Harmonies

Analogous

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



FF438B



FD564A



DB7600

Triad

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



FD564A



00AA52



0096FF

Complementary

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



FD564A



4AF1FD

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.



00A6FF



FD564A



00AE98

Square

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



FD564A



61A100



00ADD9



997AFF

Rectangle

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



FD564A



B98900



00ADD9



009DFF

Sweetspot

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



FD564A



FFCDC9



FD4AF1



806260



000000



808080

Same Dimension

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



FD564A



FF3526



FDAF4A



807473



BF0D00



400400

Inverse Universe

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



4AF1FD



26F0FF



4A98FD



737F80



00B2BF



003B40

Previews

White Background



This preview shows how the Hex color FD564A looks on a white background.

Color Contrast Check

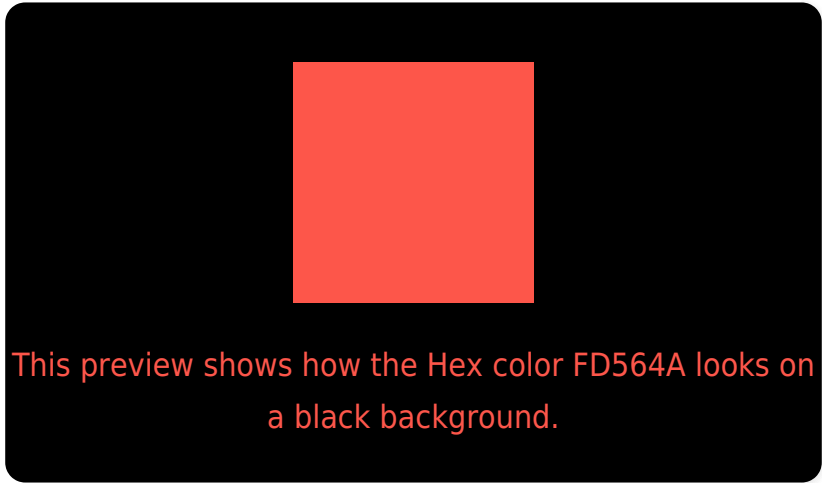
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD564A Background



This preview shows how black text looks on a background with the Hex color FD564A.



This preview shows how white text looks on a background with the Hex color FD564A.

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
FD564A

Protanopia
9D915E

Deuteranopia
B38A40

Trichromacy



Original Color
FD564A

Protanomaly
C07C57

Deuteranomaly
CE7744

Tritanomaly
FE5554

Monochromacy



Original Color
FD564A

Achromatopsia
878787

Achromatomaly
B27571

CSS Examples

Text

The CSS property to change the color of the text to Hex FD564A 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 #FD564A looks like.

```
.text, #text, p{  
    color:#FD564A  
}
```

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 #FD564A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD564A
}
```

Border

The CSS property to change the border of an element to Hex FD564A 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
#FD564A }
```

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

```
.border{ border-color:#FD564A }
```

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

Here you see how a box with a 4 pixel #FD564A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD564A; -webkit-box-shadow:4px 4px  
4px 4px #FD564A; box-shadow:4px 4px 4px  
4px #FD564A }
```

Background

The CSS property to change the background color of an element to Hex FD564A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD564A }
```

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

```
.background{ background-color:#FD564A }
```

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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