

Converting Colors

Hex(FD3D24)

Have a look what the booklet for
Hex(FD3D24) contains.

Hex(FD3D24)	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(FD3D24)

Conversions

Conversions Part 1

Format	Color
Hex	FD3D24
RGB	253, 61, 36
RGB Percent	99%, 24%, 14%
CMY	0.0078, 0.7608, 0.8588
CMYK	0.00, 0.76, 0.86, 0.01
HSL	7°, 98%, 57%
HSV	7°, 86%, 99%
XYZ	42.4952, 24.3475, 4.1289
YIQ	115.5580, 122.4570, 32.9290

Conversions

Conversions Part 2

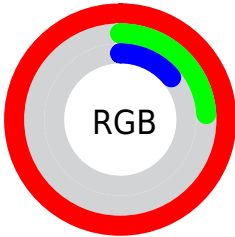
Format	Color
R _Y B	253, 64, 36
Decimal	16596260
CIE Lab	56.43, 70.11, 57.69
CIE LCh	56, 90.799, 39.450
Yxy	24.3475, 0.5988, 0.3431
Android (android.graphics.Color)	4294786340 (0xFFFD3D24)
YUV	115.5580, -39.2221, 120.5366
Hunter-Lab	49.3432, 67.3766, 29.5791

Details

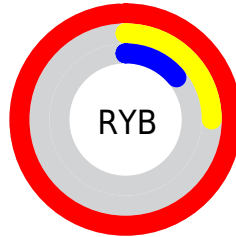
The Hex color **FD3D24** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **24E4FD**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF7B55**, and **BB0000** is the 20% darker color. If you saturate the color by 10%, you get **FD270B**, and if you desaturate by 10%, it is **FD533D**.

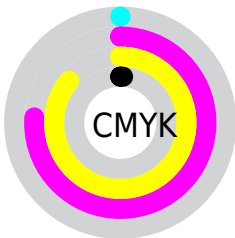
Distribution



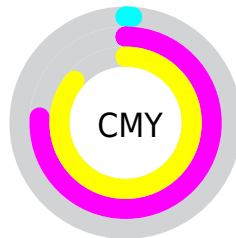
- Red (99%)
- Green (24%)
- Blue (14%)



- Red (99%)
- Yellow (25%)
- Blue (14%)



- Cyan (0%)
- Magenta (76%)
- Yellow (86%)
- Black (1%)



- Cyan (1%)
- Magenta (76%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD3D24 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 FD3D24 by changing the saturation by 10% instead.

 FD3D24

 FD3D24

FFFFFF

 DC1109

 FF7B55

 BB0000

 FF986F

 9A0000

 FFB589

 7A0000

 FFD3A4

 5B0002

 FFF1BF

 3D0003

 FFFFDB

 180001

 FFFFF8

 000000

 FD3D24

 FD3D24

■ FD270B

■ FD533D

■ FD1D00

■ FD6A57

■ FD8070

■ FD9789

■ FDADA3

■ FDC3BC

■ FDDAD5

■ FDF0EE

FDFFFF

Harmonies

Analogous

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



FF0072



FD3D24



CF6E00

Triad

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



FD3D24



00A54B



008AFF

Complementary

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



FD3D24



24E4FD

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.



009FFF



FD3D24



00A89F

Square

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



FD3D24



289D00



00A7EB



A463FF

Rectangle

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



FD3D24



A68400



00A7EB



0093FF

Sweetspot

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



FD3D24



FFC4BD



FD24E7



805D58



000000



808080

Same Dimension

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



FD3D24



FF1D00



FDA624



807473



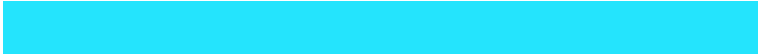
BF1600



400700

Inverse Universe

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



24E4FD



00E2FF



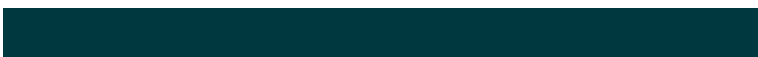
247BFD



737E80



00A9BF



003840

Previews

White Background



This preview shows how the Hex color FD3D24 looks on a white background.

Color Contrast Check

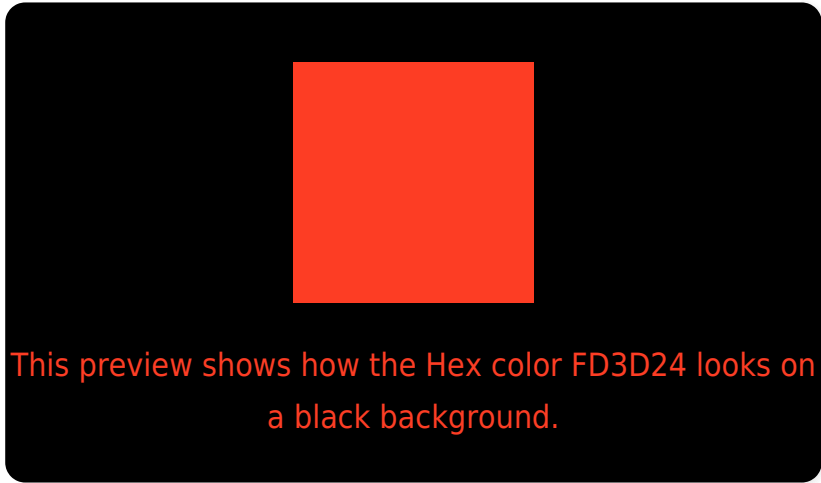
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD3D24 Background



This preview shows how black text looks on a background with the Hex color FD3D24.



This preview shows how white text looks on a background with the Hex color FD3D24.

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
FD3D24

Protanopia
978836

Deuteranopia
AB8100



Trichromacy



Original Color
FD3D24

Protanomaly
BC6D2F

Deuteranomaly
C9680D

Tritanomaly
FE3B33

Monochromacy



Original Color
FD3D24

Achromatopsia
747474

Achromatomaly
A66057

CSS Examples

Text

The CSS property to change the color of the text to Hex FD3D24 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 #FD3D24 looks like.

```
.text, #text, p{  
  color:#FD3D24  
}
```

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 #FD3D24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD3D24
}
```

Border

The CSS property to change the border of an element to Hex FD3D24 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
#FD3D24 }
```

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

```
.border{ border-color:#FD3D24 }
```

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

Here you see how a box with a 4 pixel #FD3D24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD3D24; -webkit-box-shadow:4px 4px  
4px 4px #FD3D24; box-shadow:4px 4px 4px  
4px #FD3D24 }
```

Background

The CSS property to change the background color of an element to Hex FD3D24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD3D24 }
```

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

```
.background{ background-color:#FD3D24 }
```

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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