

Converting Colors

Hex(FD0904)

Have a look what the booklet for
Hex(FD0904) contains.

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Color

Hex(FD0904)

Conversions

Conversions Part 1

Format	Color
Hex	FD0904
RGB	253, 9, 4
RGB Percent	99%, 4%, 2%
CMY	0.0078, 0.9647, 0.9843
CMYK	0.00, 0.96, 0.98, 0.01
HSL	1°, 98%, 50%
HSV	1°, 98%, 99%
XYZ	40.6276, 21.0868, 2.0437
YIQ	81.3860, 147.0290, 50.1730

Conversions

Conversions Part 2

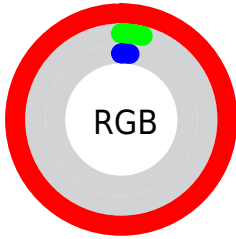
Format	Color
RYB	253, 9, 4
Decimal	16582916
CIELab	53.04, 79.04, 65.89
CIElCh	53, 102.901, 39.816
Yxy	21.0868, 0.6372, 0.3307
Android (android.graphics.Color)	4294772996 (0xFFFD0904)
YUV	81.3860, -38.1513, 150.5055
Hunter-Lab	45.9204, 77.5656, 29.5055

Details

The Hex color **FD0904** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **04F8FD**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF623D**, and **B90000** is the 20% darker color. If you saturate the color by 10%, you get **FD0500**, and if you desaturate by 10%, it is **FD221D**.

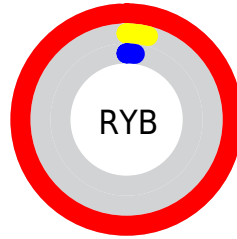
Distribution



Red (99%)

Green (4%)

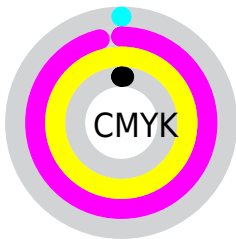
Blue (2%)



Red (99%)

Yellow (4%)

Blue (2%)

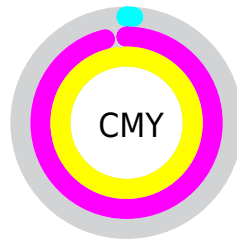


Cyan (0%)

Magenta (96%)

Yellow (98%)

Black (1%)



Cyan (1%)

Magenta (96%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD0904 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 FD0904 by changing the saturation by 10% instead.

 FD0904

 FD0904

 FFFFFB

 DB0000

 FF623D

 B90000

 FF8156

 980000

 FF9F70

 770001

 FFBE8B

 580004

 FFDCA6

 390002

 FFFAC2

 0F0000

 FFFFDE

 000000

 FD0904

 FD0904

 FD0500

 FD221D

 FD3B37

 FD5350

 FD6C69

 FD8583

 FD9E9C

 FDB7B5

 FDCFCE

 FDE8E8

Harmonies

Analogous

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



FF0067



FD0904



C96200

Triad

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



FD0904



009D3B



0083FF

Complementary

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



FD0904



04F8FD

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.



0099FF



FD0904



00A19B

Square

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



FD0904



009600



00A1F0



9C53FF

Rectangle

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



FD0904



9B7C00



00A1F0



008CFF

Sweetspot

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



FD0904



FFB4B3



FD04F9



805352



000000



808080

Same Dimension

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



FD0904



FF0500



FD8504



807373



BF0400



400100

Inverse Universe

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



04F8FD



00FAFF



047CFD



737F80



00BBBF



003E40

Previews

White Background



This preview shows how the Hex color FD0904 looks on a white background.

Color Contrast Check

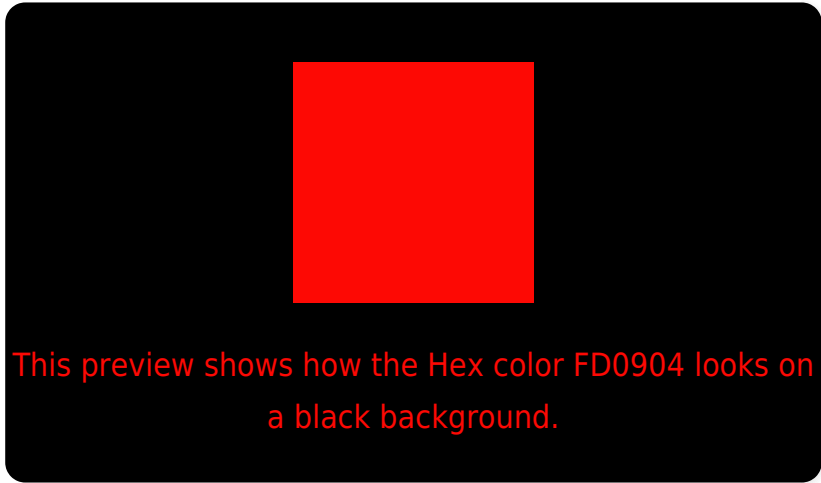
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD0904 Background



This preview shows how black text looks on a background with the Hex color FD0904.



This preview shows how white text looks on a background with the Hex color FD0904.

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
FD0904

Protanopia
8F8021

Deuteranopia
A17900



Trichromacy



Original Color
FD0904



Protanomaly
B75516



Deuteranomaly
C25001



Tritanomaly
FC1201

Monochromacy



Original Color
FD0904



Achromatopsia
515151



Achromatomaly
903735

CSS Examples

Text

The CSS property to change the color of the text to Hex FD0904 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 #FD0904 looks like.

```
.text, #text, p{  
    color:#FD0904  
}
```

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 #FD0904 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD0904
}
```

Border

The CSS property to change the border of an element to Hex FD0904 is called "border". The border property can be set on classes, ids or directly on the HTML element.

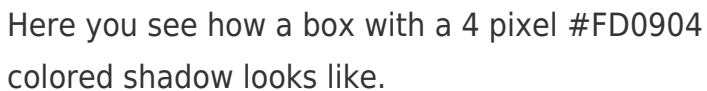
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FD0904 }
```

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

```
.border{ border-color:#FD0904 }
```

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



Here you see how a box with a 4 pixel `#FD0904` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD0904; -webkit-box-shadow:4px 4px  
4px 4px #FD0904; box-shadow:4px 4px 4px  
4px #FD0904 }
```

Background

The CSS property to change the background color of an element to Hex FD0904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD0904 }
```

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

```
.background{ background-color:#FD0904 }
```

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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