

Converting Colors

Hex(FD0A10)

Have a look what the booklet for
Hex(FD0A10) contains.

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Color

Hex(FD0A10)

Conversions

Conversions Part 1

Format	Color
Hex	FD0A10
RGB	253, 10, 16
RGB Percent	99%, 4%, 6%
CMY	0.0078, 0.9608, 0.9373
CMYK	0.00, 0.96, 0.94, 0.01
HSL	359°, 98%, 52%
HSV	359°, 96%, 99%
XYZ	40.7101, 21.1371, 2.4244
YIQ	83.3410, 142.9020, 53.3820

Conversions

Conversions Part 2

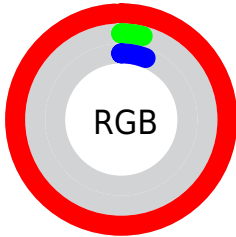
Format	Color
R_{YB}	253, 10, 16
Decimal	16583184
CIE Lab	53.10, 79.06, 62.87
CIE LCh	53, 101.008, 38.494
Yxy	21.1371, 0.6334, 0.3289
Android (android.graphics.Color)	4294773264 (0xFFFD0A10)
YUV	83.3410, -33.1991, 148.7909
Hunter-Lab	45.9751, 77.6017, 29.0560

Details

The Hex color **FD0A10** 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 **0AFDF7**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF6244**, and **BA0000** is the 20% darker color. If you saturate the color by 10%, you get **FD0006**, and if you desaturate by 10%, it is **FD2329**.

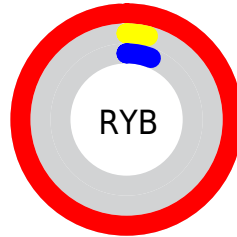
Distribution



Red (99%)

Green (4%)

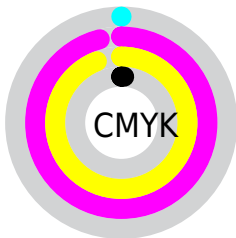
Blue (6%)



Red (99%)

Yellow (4%)

Blue (6%)

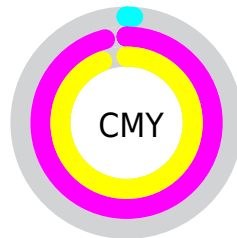


Cyan (0%)

Magenta (96%)

Yellow (94%)

Black (1%)



Cyan (1%)

Magenta (96%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD0A10 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 FD0A10 by changing the saturation by 10% instead.

 FD0A10

 FD0A10

FFFFFF

 DB0000

 FF6244

 BA0000

 FF815D

 980000

 FFA077

 780001

 FFBE91

 580004

 FFDCAC

 390002

 FFFBC8

 0F0000

 FFFFE4

 000000

 FD0A10

 FD0A10

 FD0006

 FD2329

 FD3D41

 FD565A

 FD6F73

 FD898B

 FDA2A4

 FDBBBD

 FDD4D5

 FDEEEE

Harmonies

Analogous

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



FF006B



FD0A10



CB6100

Triad

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



FD0A10



009D38



0084FF

Complementary

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



FD0A10



0AFDF7

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



FD0A10



00A096

Square

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



FD0A10



009500



00A0EB



9657FF

Rectangle

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



FD0A10



9E7B00



00A0EB



008DFF

Sweetspot

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



FD0A10



FFB5B7



F50AFD



805354



000000



808080

Same Dimension

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



FD0A10



FF0006



FD7B0A



807373



BF0005



400002

Inverse Universe

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



FD0A10



FF0006



0A8CFD



807373



BF0005



400002

Previews

White Background



This preview shows how the Hex color FD0A10 looks on a white background.

Color Contrast Check

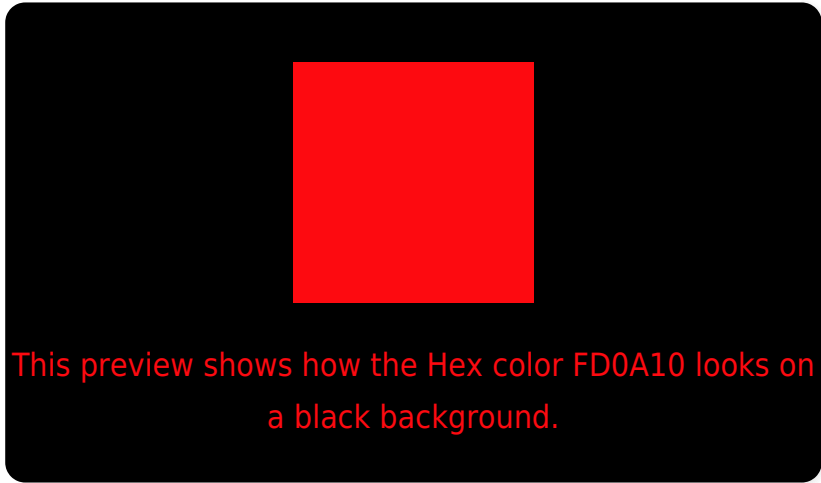
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD0A10 Background



This preview shows how black text looks on a background with the Hex color FD0A10.



This preview shows how white text looks on a background with the Hex color FD0A10.

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
FD0A10

Protanopia
8F8027

Deuteranopia
A17900

Trichromacy



Original Color
FD0A10



Protanomaly
B7551F



Deuteranomaly
C25106



Tritanomaly
FC1206

Monochromacy



Original Color
FD0A10



Achromatopsia
535353



Achromatomaly
91383B

CSS Examples

Text

The CSS property to change the color of the text to Hex FD0A10 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 #FD0A10 looks like.

```
.text, #text, p{  
    color:#FD0A10  
}
```

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 #FD0A10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD0A10
}
```

Border

The CSS property to change the border of an element to Hex FD0A10 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".

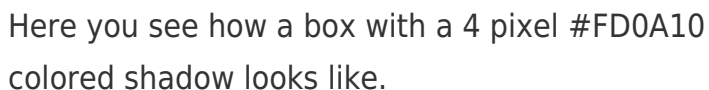
```
.border, #border, table{ border:4px solid
#FD0A10 }
```

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

```
.border{ border-color:#FD0A10 }
```

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

Here you see how a box with a 4 pixel #FD0A10 colored shadow looks like.

A rectangular box with a red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a thick red line that follows the bottom and right edges of the box, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD0A10; -webkit-box-shadow:4px 4px  
4px 4px #FD0A10; box-shadow:4px 4px 4px  
4px #FD0A10 }
```

Background

The CSS property to change the background color of an element to Hex FD0A10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD0A10 }
```

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

```
.background{ background-color:#FD0A10 }
```

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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