

Converting Colors

Hex(FA0D30)

Have a look what the booklet for
Hex(FA0D30) contains.

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Color

Hex(FA0D30)

Conversions

Conversions Part 1

Format	Color
Hex	FA0D30
RGB	250, 13, 48
RGB Percent	98%, 5%, 19%
CMY	0.0196, 0.9490, 0.8118
CMYK	0.00, 0.95, 0.81, 0.02
HSL	351°, 96%, 52%
HSV	351°, 95%, 98%
XYZ	40.1018, 20.8252, 4.7024
YIQ	87.8530, 130.0170, 61.1290

Conversions

Conversions Part 2

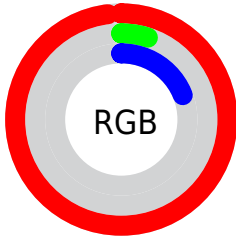
Format	Color
RYB	250, 13, 48
Decimal	16387376
CIELab	52.76, 78.64, 48.38
CIElCh	53, 92.331, 31.598
Yxy	20.8252, 0.6110, 0.3173
Android (android.graphics.Color)	4294577456 (0xFFFA0D30)
YUV	87.8530, -19.6475, 142.2029
Hunter-Lab	45.6347, 76.9973, 25.8348

Details

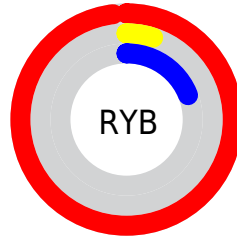
The Hex color **FA0D30** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **0DFAD7**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF635F**, and **B80003** is the 20% darker color. If you saturate the color by 10%, you get **FA0025**, and if you desaturate by 10%, it is **FA2645**.

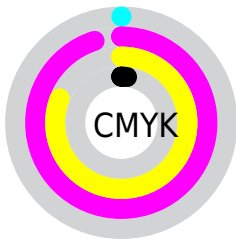
Distribution



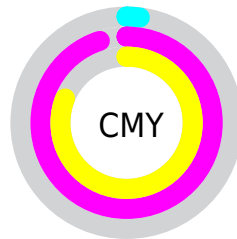
- Red (98%)
- Green (5%)
- Blue (19%)



- Red (98%)
- Yellow (5%)
- Blue (19%)



- Cyan (0%)
- Magenta (95%)
- Yellow (81%)
- Black (2%)



- Cyan (2%)
- Magenta (95%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color FA0D30 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 FA0D30 by changing the saturation by 10% instead.

 FA0D30

 FA0D30

FFFFFF

 D9001A

 FF635F

 B80003

 FF8278

 970000

 FFA092

 760001

 FFBEAD

 570004

 FFDDC9

 370002

 FFFBE5

 0B0000

 000000

 FA0D30

 FA0D30

 FA0025

 FA2645

 FA3F5B

 FA5870

 FA7185

 FA8A9B

 FAA3B0

 FABCC5

 FAD5DA

 FAEEF0

Harmonies

Analogous

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



FF007D



FA0D30



D25900

Triad

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



FA0D30



009928



0088FF

Complementary

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



FA0D30



0DFAD7

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



FA0D30



009D80

Square

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



FA0D30



409000



009ED0



7266FF

Rectangle

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



FA0D30



AC7300



009ED0



008FFF

Sweetspot

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



FA0D30



FFB8C2



D60DFA



80545B



000000



808080

Same Dimension

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



FA0D30



FF0026



FA600D



7D7072



BD001C



3D0009

Inverse Universe

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



FA0D30



FF0026



0DA7FA



7D7072



BD001C



3D0009

Previews

White Background



This preview shows how the Hex color FA0D30 looks on a white background.

Color Contrast Check

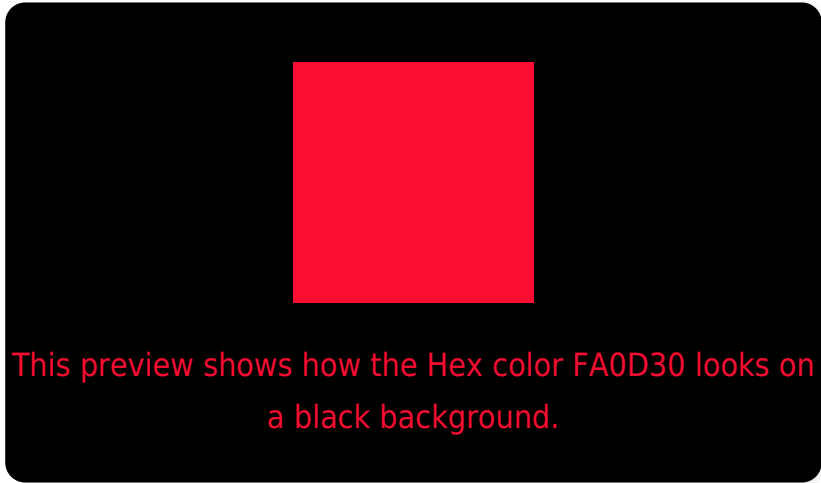
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA0D30 Background



This preview shows how black text looks on a background with the Hex color FA0D30.



This preview shows how white text looks on a background with the Hex color FA0D30.

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
FA0D30

Protanopia
8B7F4B

Deuteranopia
A0781C



Tritanopia
FA170A

Trichromacy



Original Color
FA0D30



Protanomaly
B35641



Deuteranomaly
C15123



Tritanomaly
FA1318

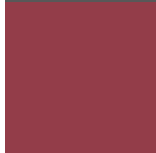
Monochromacy



Original Color
FA0D30



Achromatopsia
585858



Achromatomaly
933D49

CSS Examples

Text

The CSS property to change the color of the text to Hex FA0D30 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 #FA0D30 looks like.

```
.text, #text, p{  
    color:#FA0D30  
}
```

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 #FA0D30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA0D30
}
```

Border

The CSS property to change the border of an element to Hex FA0D30 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
#FA0D30 }
```

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

```
.border{ border-color:#FA0D30 }
```

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

Here you see how a box with a 4 pixel #FA0D30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA0D30; -webkit-box-shadow:4px 4px  
4px 4px #FA0D30; box-shadow:4px 4px 4px  
4px #FA0D30 }
```

Background

The CSS property to change the background color of an element to Hex FA0D30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA0D30 }
```

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

```
.background{ background-color:#FA0D30 }
```

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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