

Converting Colors

Hex(F30E35)

Have a look what the booklet for
Hex(F30E35) contains.

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Color

Hex(F30E35)

Conversions

Conversions Part 1

Format	Color
Hex	F30E35
RGB	243, 14, 53
RGB Percent	95%, 5%, 21%
CMY	0.0471, 0.9451, 0.7922
CMYK	0.00, 0.94, 0.78, 0.05
HSL	350°, 91%, 50%
HSV	350°, 94%, 95%
XYZ	37.7618, 19.6258, 5.1661
YIQ	86.9170, 123.9650, 60.6770

Conversions

Conversions Part 2

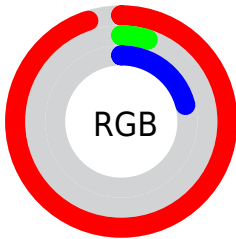
Format	Color
R_{YB}	243, 14, 53
Decimal	15928885
CIE _{Lab}	51.41, 77.00, 43.82
CIE _{LCh}	51, 88.601, 29.644
Yxy	19.6258, 0.6037, 0.3137
Android (android.graphics.Color)	4294118965 (0xFFFF30E35)
YUV	86.9170, -16.7211, 136.8848
Hunter-Lab	44.3010, 74.6250, 24.0968

Details

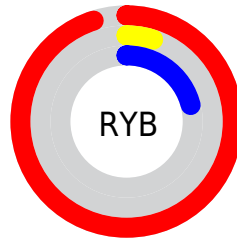
The Hex color **F30E35** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **0EF3CC**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF6264**, and **B1000A** is the 20% darker color. If you saturate the color by 10%, you get **F30029**, and if you desaturate by 10%, it is **F32649**.

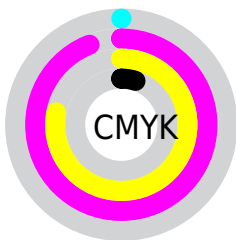
Distribution



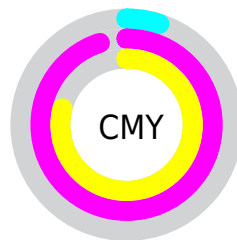
- Red (95%)
- Green (5%)
- Blue (21%)



- Red (95%)
- Yellow (5%)
- Blue (21%)



- Cyan (0%)
- Magenta (94%)
- Yellow (78%)
- Black (5%)



- Cyan (5%)
- Magenta (95%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color F30E35 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 F30E35 by changing the saturation by 10% instead.

 F30E35

 F30E35

FFFFFF

 D2001F

 FF6264

 B1000A

 FF817D

 910000

 FF9F97

 700002

 FFBD B2

 520004

 FFDBCE

 320002

 FFF9EA

 000000

 F30E35

 F30E35

 F30029

 F32649

 F33F5D

 F35771

 F36F86

 F3889A

 F3A0AE

 F3B8C2

 F3D0D6

 F3E9EA

Harmonies

Analogous

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



F7007F



F30E35



CF5500

Triad

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



F30E35



009423



0086FF

Complementary

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



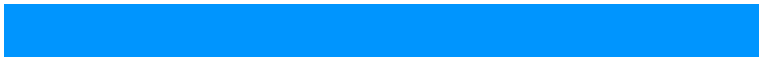
F30E35



0EF3CC

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.



0095FE



F30E35



009877

Square

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



F30E35



488B00



0099C4



6566FF

Rectangle

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



F30E35



AB6E00



0099C4



008CFF

Sweetspot

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



F30E35



FFB8C4



C90EF3



80545C



000000



808080

Same Dimension

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



F30E35



FF002B



F3570E



7A6E70



BA0020



3B000A

Inverse Universe

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



F30E35



FF002B



0EAAF3



7A6E70



BA0020



3B000A

Previews

White Background



This preview shows how the Hex color F30E35 looks on a white background.

Color Contrast Check

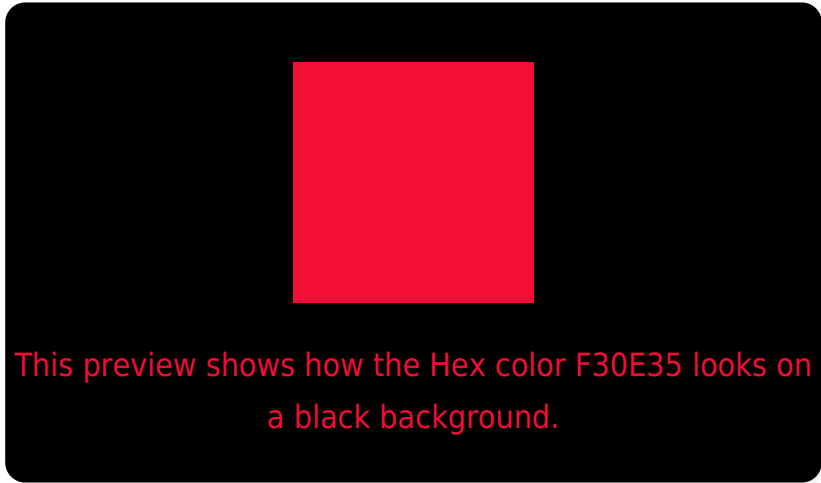
Large Text (above 18pt) WCAG AA ✓ Pass

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 F30E35 Background



This preview shows how black text looks on a background with the Hex color F30E35.



This preview shows how white text looks on a background with the Hex color F30E35.

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
F30E35

Protanopia
867B51

Deuteranopia
9B7525



Tritanopia
F21910

Trichromacy



Original Color
F30E35



Protanomaly
AE5347



Deuteranomaly
BB502B



Tritanomaly
F2151D

Monochromacy



Original Color
F30E35



Achromatopsia
575757



Achromatomaly
903C4B

CSS Examples

Text

The CSS property to change the color of the text to Hex F30E35 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 #F30E35 looks like.

```
.text, #text, p{  
  color:#F30E35  
}
```

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 #F30E35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F30E35
}
```

Border

The CSS property to change the border of an element to Hex F30E35 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".

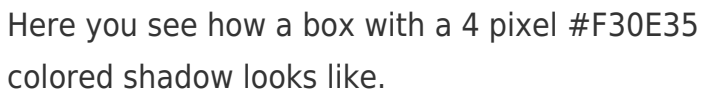
```
.border, #border, table{ border:4px solid
#F30E35 }
```

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

```
.border{ border-color:#F30E35 }
```

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

Here you see how a box with a 4 pixel #F30E35 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F30E35; -webkit-box-shadow:4px 4px  
4px 4px #F30E35; box-shadow:4px 4px 4px  
4px #F30E35 }
```

Background

The CSS property to change the background color of an element to Hex F30E35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F30E35 }
```

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

```
.background{ background-color:#F30E35 }
```

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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