

Converting Colors

Hex(F35006)

Have a look what the booklet for
Hex(F35006) contains.

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Color

Hex(F35006)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F35006 |
| RGB | 243, 80, 6 |
| RGB Percent | 95%, 31%, 2% |
| CMY | 0.0471, 0.6863, 0.9765 |
| CMYK | 0.00, 0.67, 0.98, 0.05 |
| HSL | 19°, 95%, 49% |
| HSV | 19°, 98%, 95% |
| XYZ | 39.8637, 24.8052, 2.8591 |
| YIQ | 120.3010, 120.9020, 11.5420 |

Conversions

Conversions Part 2

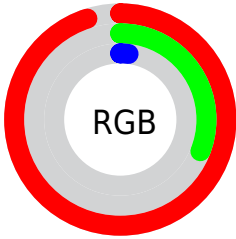
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 243, 114, 6 |
| Decimal | 15945734 |
| CIE _{Lab} | 56.89, 60.11, 66.22 |
| CIE _{LCh} | 57, 89.431, 47.769 |
| Yxy | 24.8052, 0.5903, 0.3673 |
| Android (android.graphics.Color) | 4294135814 (0xFFFF35006) |
| YUV | 120.3010, -56.3504, 107.6070 |
| Hunter-Lab | 49.8048, 55.7128, 31.4597 |

Details

The Hex color **F35006** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **06A9F3**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF8943**, and **B20500** is the 20% darker color. If you saturate the color by 10%, you get **F34C00**, and if you desaturate by 10%, it is **F3611E**.

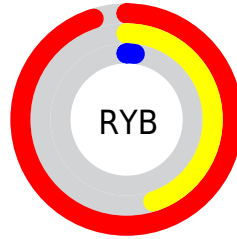
Distribution



Red (95%)

Green (31%)

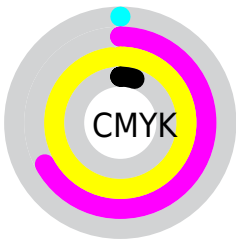
Blue (2%)



Red (95%)

Yellow (45%)

Blue (2%)

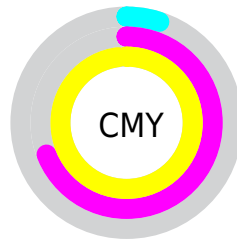


Cyan (0%)

Magenta (67%)

Yellow (98%)

Black (5%)



Cyan (5%)

Magenta (69%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color F35006 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 F35006 by changing the saturation by 10% instead.

 F35006

 F35006

FFFFFF

 D23200

 FF8943

 B20500

 FFA55D

 910000

 FFC277

 720000

 FFDF92

 530000

 FFFCAE

 370002

 FFFFCA

 090000

 FFFF7E

 000000

 F35006

 F35006

 F34C00

 F3611E

 F37137

 F3824F

 F39367

 F3A480

 F3B498

 F3C5B0

 F3D6C8

 F3E6E1

Harmonies

Analogous

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



FF055F



F35006



C07A00

Triad

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



F35006



00A765



0082FF

Complementary

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



F35006



06A9F3

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.



009CFF



F35006



00A9B6

Square

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



F35006



00A100



00A7FC



C257F3

Rectangle

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



F35006



948C00



00A7FC



008DFF

Sweetspot

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



F35006



FFCCB5



F306AC



806153



000000



808080

Same Dimension

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



F35006



FF5000



F3C406



7A726E



BA3A00



3B1200

Inverse Universe

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



06A9F3



00AFFF



0635F3



6E777A



0080BA



00283B

Previews

White Background



This preview shows how the Hex color F35006 looks on a white background.

Color Contrast Check

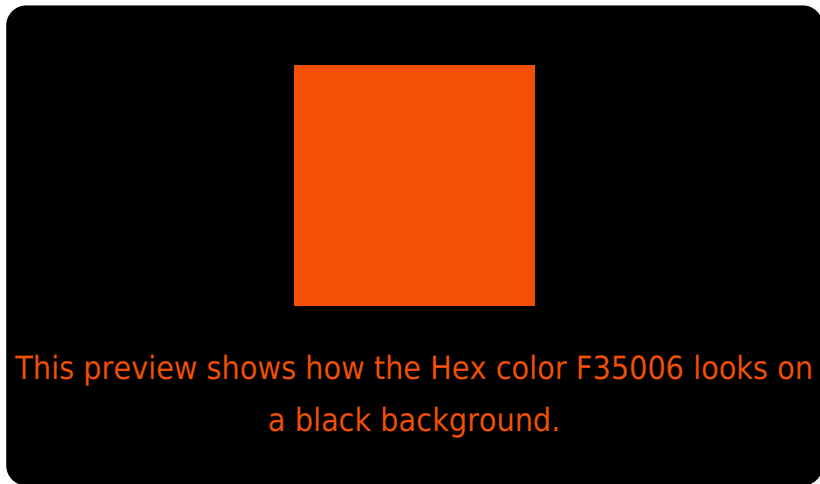
Large Text (above 18pt) WCAG AA ✓ Pass

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 F35006 Background



This preview shows how black text looks on a background with the Hex color F35006.



This preview shows how white text looks on a background with the Hex color F35006.

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
F35006

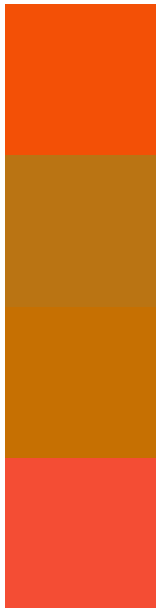
Protanopia
9A891B

Deuteranopia
AD8200



Tritanopia
F44B4E

Trichromacy



Original Color
F35006

Protanomaly
BA7413

Deuteranomaly
C67002

Tritanomaly
F44D34

Monochromacy



Original Color
F35006

Achromatopsia
787878

Achromatomaly
A5694F

CSS Examples

Text

The CSS property to change the color of the text to Hex F35006 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 #F35006 looks like.

```
.text, #text, p{  
    color:#F35006  
}
```

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 #F35006 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F35006
}
```

Border

The CSS property to change the border of an element to Hex F35006 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
#F35006 }
```

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

```
.border{ border-color:#F35006 }
```

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

Here you see how a box with a 4 pixel #F35006 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F35006; -webkit-box-shadow:4px 4px  
4px 4px #F35006; box-shadow:4px 4px 4px  
4px #F35006 }
```

Background

The CSS property to change the background color of an element to Hex F35006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F35006 }
```

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

```
.background{ background-color:#F35006 }
```

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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