

Converting Colors

Hex(F75A21)

Have a look what the booklet for
Hex(F75A21) contains.

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Color

Hex(F75A21)

Conversions

Conversions Part 1

Format	Color
Hex	F75A21
RGB	247, 90, 33
RGB Percent	97%, 35%, 13%
CMY	0.0314, 0.6471, 0.8706
CMYK	0.00, 0.64, 0.87, 0.03
HSL	16°, 93%, 55%
HSV	16°, 87%, 97%
XYZ	42.2884, 27.1963, 4.4594
YIQ	130.4450, 111.8690, 15.5570

Conversions

Conversions Part 2

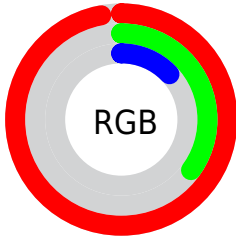
Format	Color
RYB	247, 111, 33
Decimal	16210465
CIELab	59.16, 57.76, 60.64
CIELCh	59, 83.746, 46.392
Yxy	27.1963, 0.5719, 0.3678
Android (android.graphics.Color)	4294400545 (0xFFFF75A21)
YUV	130.4450, -48.0404, 102.2187
Hunter-Lab	52.1501, 53.4829, 31.4351

Details

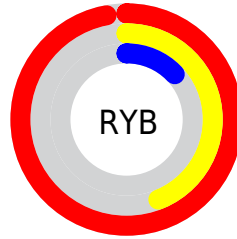
The Hex color **F75A21** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **21BEF7**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF9255**, and **B61C00** is the 20% darker color. If you saturate the color by 10%, you get **F74808**, and if you desaturate by 10%, it is **F76C3A**.

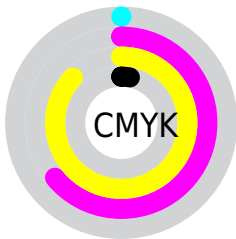
Distribution



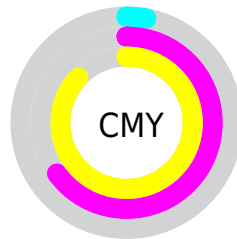
- Red (97%)
- Green (35%)
- Blue (13%)



- Red (97%)
- Yellow (44%)
- Blue (13%)



- Cyan (0%)
- Magenta (64%)
- Yellow (87%)
- Black (3%)



- Cyan (3%)
- Magenta (65%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color F75A21 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 F75A21 by changing the saturation by 10% instead.

 F75A21

 F75A21

FFFFFF

 D63D01

 FF9255

 B61C00

 FFAE6E

 960000

 FFCE89

 770000

 FFE8A4

 580000

 FFFFC0

 3D0003

 FFFFDC

 170000

 FFFFF9

 000000

 F75A21

 F75A21

 F74808

 F76C3A

 F74200

 F77E52

 F7906B

 F7A284

 F7B59C

 F7C7B5

 F7D9CE

 F7EBE7

 F7FDFF

Harmonies

Analogous

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



FF306A



F75A21



C87F00

Triad

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



F75A21



00AC69



008AFF

Complementary

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



F75A21



21BEF7

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.



00A1FF



F75A21



00AEB6

Square

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



F75A21



13A511



00ACF8



C264F5

Rectangle

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



F75A21



9E9100



00ACF8



0093FF

Sweetspot

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



F75A21



FFCEBD



F721C2



806358



000000



808080

Same Dimension

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



F75A21



FF4400



F7C221



7A716E



BA3200



3B1000

Inverse Universe

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



21BEF7



00BBFF



2156F7



6E777A



0089BA



002B3B

Previews

White Background



This preview shows how the Hex color F75A21 looks on a white background.

Color Contrast Check

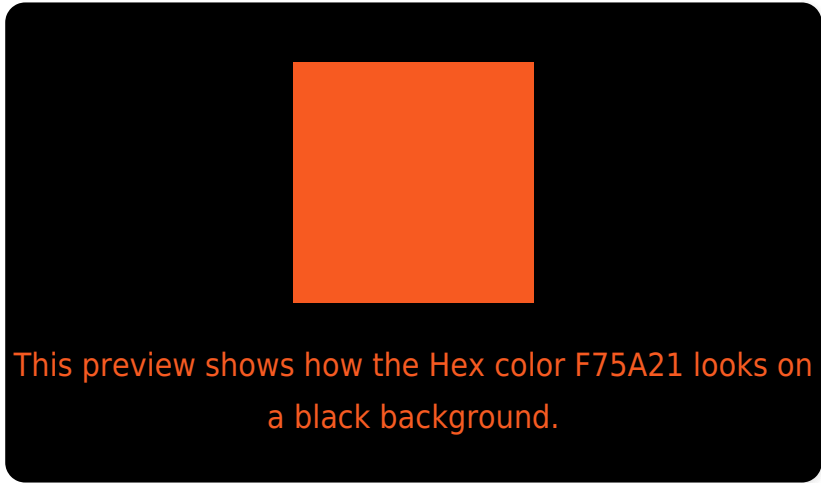
Large Text (above 18pt) WCAG AA ✓ Pass

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 F75A21 Background



This preview shows how black text looks on a background with the Hex color F75A21.



This preview shows how white text looks on a background with the Hex color F75A21.

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
F75A21

Protanopia
A08F2E

Deuteranopia
B58700



Tritanopia
F95459

Trichromacy



Original Color
F75A21

Protanomaly
C07C29

Deuteranomaly
CD770C

Tritanomaly
F85645

Monochromacy



Original Color
F75A21

Achromatopsia
828282

Achromatomaly
AD735F

CSS Examples

Text

The CSS property to change the color of the text to Hex F75A21 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 #F75A21 looks like.

```
.text, #text, p{  
    color:#F75A21  
}
```

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 #F75A21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F75A21
}
```

Border

The CSS property to change the border of an element to Hex F75A21 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
#F75A21 }
```

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

```
.border{ border-color:#F75A21 }
```

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

Here you see how a box with a 4 pixel #F75A21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F75A21; -webkit-box-shadow:4px 4px  
4px 4px #F75A21; box-shadow:4px 4px 4px  
4px #F75A21 }
```

Background

The CSS property to change the background color of an element to Hex F75A21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F75A21 }
```

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

```
.background{ background-color:#F75A21 }
```

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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