

Converting Colors

Hex(F75B32)

Have a look what the booklet for
Hex(F75B32) contains.

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Color

Hex(F75B32)

Conversions

Conversions Part 1

Format	Color
Hex	F75B32
RGB	247, 91, 50
RGB Percent	97%, 36%, 20%
CMY	0.0314, 0.6431, 0.8039
CMYK	0.00, 0.63, 0.80, 0.03
HSL	12°, 92%, 58%
HSV	12°, 80%, 97%
XYZ	42.6746, 27.4866, 6.0739
YIQ	132.9700, 106.1370, 20.3210

Conversions

Conversions Part 2

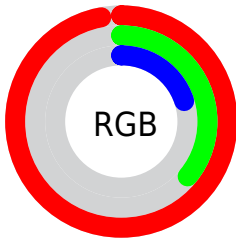
Format	Color
R_{YB}	247, 102, 50
Decimal	16210738
CIE _{Lab}	59.42, 57.77, 53.62
CIE _{LCh}	59, 78.820, 42.866
Yxy	27.4866, 0.5598, 0.3606
Android (android.graphics.Color)	4294400818 (0xFFFF75B32)
YUV	132.9700, -40.9042, 100.0043
Hunter-Lab	52.4277, 53.5453, 29.8305

Details

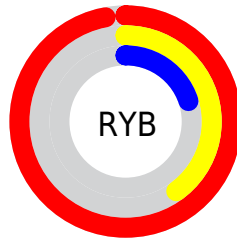
The Hex color **F75B32** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **32CEF7**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF9364**, and **B71E00** is the 20% darker color. If you saturate the color by 10%, you get **F74719**, and if you desaturate by 10%, it is **F76F4B**.

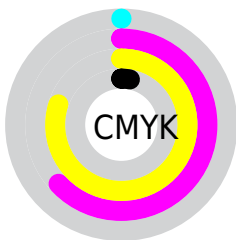
Distribution



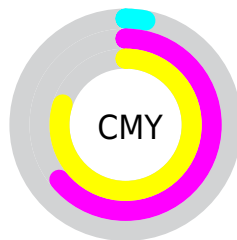
- Red (97%)
- Green (36%)
- Blue (20%)



- Red (97%)
- Yellow (40%)
- Blue (20%)



- Cyan (0%)
- Magenta (63%)
- Yellow (80%)
- Black (3%)



- Cyan (3%)
- Magenta (64%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color F75B32 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 F75B32 by changing the saturation by 10% instead.

 F75B32

 F75B32

FFFFFF

 D73E19

 FF9364

 B71E00

 FFAF7D

 970000

 FFCC98

 770000

 FFE9B3

 590000

 FFFFCF

 3D0003

 FFFFEC

 190001

 000000

 F75B32

 F75B32

 F74719

 F76F4B

 F73401

 F78263

 F73300

 F7967C

 F7A995

 F7BDAE

 F7D0C6

 F7E4DF

 F7F7F8

 F7FFFF

Harmonies

Analogous

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



FF3C74



F75B32



CD7D00

Triad

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



F75B32



00AB63



008EFF

Complementary

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



F75B32



32CEF7

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.



00A2FF



F75B32



00AEAC

Square

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



F75B32



3CA413



00ABED



B66DF6

Rectangle

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



F75B32



A78E00



00ABED



0096FF

Sweetspot

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



F75B32



FFCFC2



F732D0



80625B



000000



808080

Same Dimension

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



F75B32



FF3D0A



F7BC32



7A716E



BA2700



3B0C00

Inverse Universe

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



32CEF7



0ACCF7



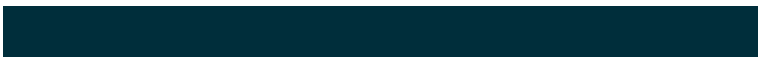
326DF7



6E787A



0093BA



002E3B

Previews

White Background



This preview shows how the Hex color F75B32 looks on a white background.

Color Contrast Check

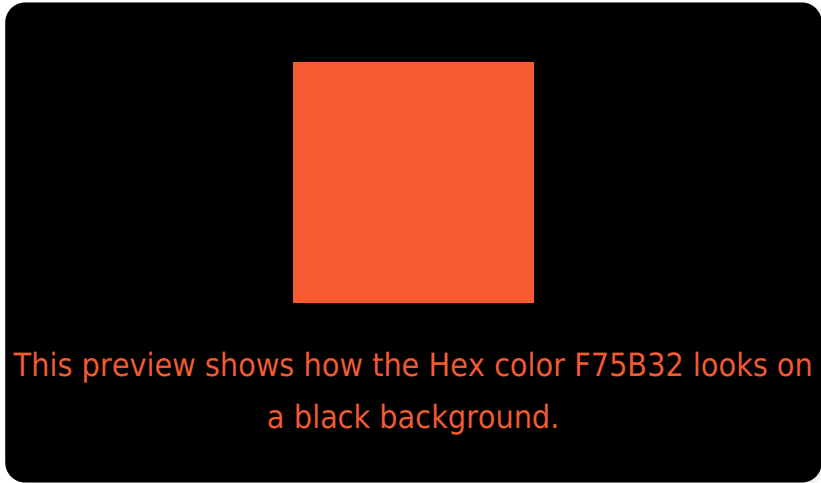
Large Text (above 18pt) WCAG AA ✓ Pass

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 F75B32 Background



This preview shows how black text looks on a background with the Hex color F75B32.



This preview shows how white text looks on a background with the Hex color F75B32.

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
F75B32

Protanopia
9F9041

Deuteranopia
B48825



Tritanopia
F8565B

Trichromacy



Original Color
F75B32

Protanomaly
BF7D3C

Deuteranomaly
CC782A

Tritanomaly
F8584C

Monochromacy



Original Color
F75B32

Achromatopsia
858585

Achromatomaly
AE7667

CSS Examples

Text

The CSS property to change the color of the text to Hex F75B32 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 #F75B32 looks like.

```
.text, #text, p{  
    color:#F75B32  
}
```

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 #F75B32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F75B32
}
```

Border

The CSS property to change the border of an element to Hex F75B32 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
#F75B32 }
```

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

```
.border{ border-color:#F75B32 }
```

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

Here you see how a box with a 4 pixel #F75B32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F75B32; -webkit-box-shadow:4px 4px  
4px 4px #F75B32; box-shadow:4px 4px 4px  
4px #F75B32 }
```

Background

The CSS property to change the background color of an element to Hex F75B32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F75B32 }
```

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

```
.background{ background-color:#F75B32 }
```

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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