

Converting Colors

Hex(F42711)

Have a look what the booklet for
Hex(F42711) contains.

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Color

Hex(F42711)

Conversions

Conversions Part 1

Format	Color
Hex	F42711
RGB	244, 39, 17
RGB Percent	96%, 15%, 7%
CMY	0.0431, 0.8471, 0.9333
CMYK	0.00, 0.84, 0.93, 0.04
HSL	6°, 91%, 51%
HSV	6°, 93%, 96%
XYZ	38.1349, 20.7246, 2.5206
YIQ	97.7870, 129.2420, 36.6180

Conversions

Conversions Part 2

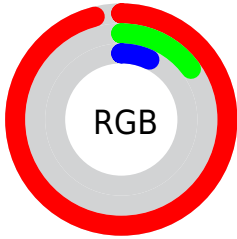
Format	Color
R_{YB}	244, 41, 17
Decimal	16000785
CIE Lab	52.65, 72.89, 61.36
CIE LCh	53, 95.273, 40.091
Yxy	20.7246, 0.6213, 0.3376
Android (android.graphics.Color)	4294190865 (0xFFFF42711)
YUV	97.7870, -39.8280, 128.2288
Hunter-Lab	45.5243, 69.8589, 28.5842

Details

The Hex color **F42711** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **11DEF4**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF6B45**, and **B20000** is the 20% darker color. If you saturate the color by 10%, you get **F41800**, and if you desaturate by 10%, it is **F43D29**.

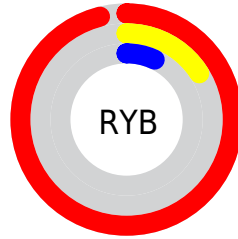
Distribution



Red (96%)

Green (15%)

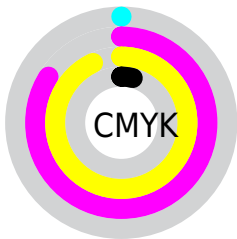
Blue (7%)



Red (96%)

Yellow (16%)

Blue (7%)

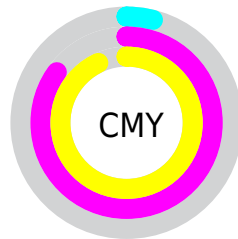


Cyan (0%)

Magenta (84%)

Yellow (93%)

Black (4%)



Cyan (4%)

Magenta (85%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color F42711 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 F42711 by changing the saturation by 10% instead.

 F42711

 F42711

FFFFFF

 D30000

 FF6B45

 B20000

 FF895E

 910000

 FFA778

 700000

 FFC492

 520003

 FFE2AD

 330002

 FFFFC9

 000000

 FFFF66

 F42711

 F42711

 F41800

 F43D29

 F45342

 F4695A

 F47F73

 F4958B

 F4ABA3

 F4C1BC

 F4D7D4

 F4EDED

Harmonies

Analogous

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



FF0066



F42711



C46400

Triad

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



F42711



009B41



0080FF

Complementary

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



F42711



11DEF4

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.



0096FF



F42711



009E98

Square

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



F42711



009400



009EE7



9C56FD

Rectangle

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



F42711



997B00



009EE7



008AFF

Sweetspot

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



F42711



FFBFB8



F411E1



805854



000000



808080

Same Dimension

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



F42711



FF1900



F49511



7A6F6E



BA1200



3B0600

Inverse Universe

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



11DEF4



00E6FF



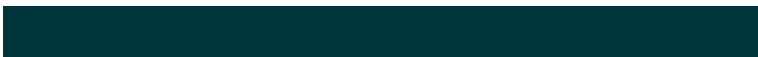
1170F4



6E797A



00A8BA



00353B

Previews

White Background



This preview shows how the Hex color F42711 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 F42711 Background



This preview shows how black text looks on a background with the Hex color F42711.



This preview shows how white text looks on a background with the Hex color F42711.

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
F42711

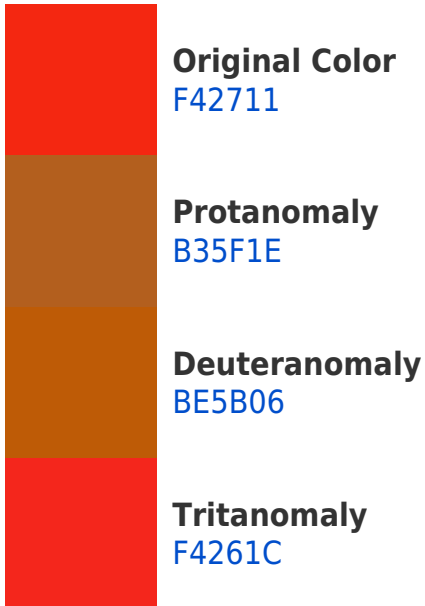
Protanopia
8E7F25

Deuteranopia
9F7800

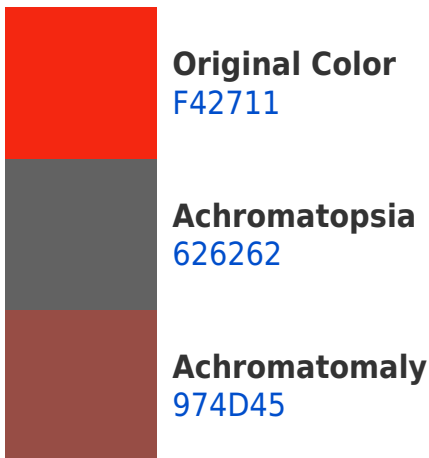


Tritanopia
F42522

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F42711 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 #F42711 looks like.

```
.text, #text, p{  
    color:#F42711  
}
```

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 #F42711 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F42711
}
```

Border

The CSS property to change the border of an element to Hex F42711 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".

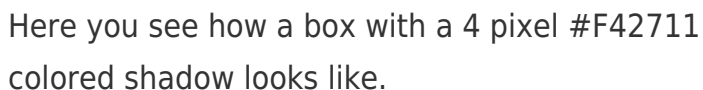
```
.border, #border, table{ border:4px solid
#F42711 }
```

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

```
.border{ border-color:#F42711 }
```

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

Here you see how a box with a 4 pixel #F42711 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F42711; -webkit-box-shadow:4px 4px  
4px 4px #F42711; box-shadow:4px 4px 4px  
4px #F42711 }
```

Background

The CSS property to change the background color of an element to Hex F42711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F42711 }
```

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

```
.background{ background-color:#F42711 }
```

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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