

Converting Colors

Hex(F2B808)

Have a look what the booklet for
Hex(F2B808) contains.

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Color

Hex(F2B808)

Conversions

Conversions Part 1

Format	Color
Hex	F2B808
RGB	242, 184, 8
RGB Percent	95%, 72%, 3%
CMY	0.0510, 0.2784, 0.9686
CMYK	0.00, 0.24, 0.97, 0.05
HSL	45°, 94%, 49%
HSV	45°, 97%, 95%
XYZ	53.8023, 53.1758, 7.6580
YIQ	181.2780, 91.0640, -42.4400

Conversions

Conversions Part 2

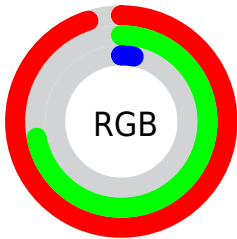
Format	Color
RYB	85, 242, 8
Decimal	15906824
CIELab	77.98, 8.53, 79.48
CIElCh	78, 79.933, 83.875
Yxy	53.1758, 0.4693, 0.4639
Android (android.graphics.Color)	4294096904 (0xFF2B808)
YUV	181.2780, -85.4261, 53.2532
Hunter-Lab	72.9217, 4.0859, 44.8188

Details

The Hex color **F2B808** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle saturated orange. A complement of this color would be **0842F2**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFF055**, and **B48300** is the 20% darker color. If you saturate the color by 10%, you get **F2B600**, and if you desaturate by 10%, it is **F2BE20**.

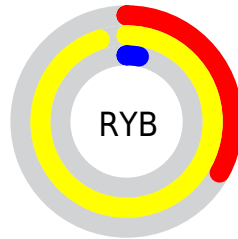
Distribution



Red (95%)

Green (72%)

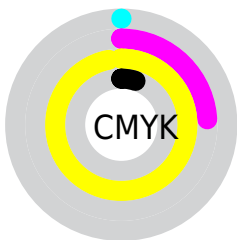
Blue (3%)



Red (33%)

Yellow (95%)

Blue (3%)

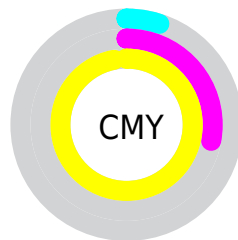


Cyan (0%)

Magenta (24%)

Yellow (97%)

Black (5%)



Cyan (5%)

Magenta (28%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color F2B808 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 F2B808 by changing the saturation by 10% instead.

 F2B808

 F2B808

FFFFFF

 D39D00

 FFF055

 B48300

 FFFF72

 966A00

 FFFF8E

 795300

 FFFFAB

 5C3C00

 FFFFC8

 412600

 FFFF E5

 281200

 000000

 F2B808

 F2B808

 F2B600

 F2BE20

 F2C438

 F2CA51

 F2D069

 F2D681

 F2DC99

 F2E2B1

 F2E8CA

 F2EEE2

Harmonies

Analogous

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



FF9A47



F2B808



ACCE20

Triad

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



F2B808



00E3FB



FF92FF

Complementary

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



F2B808



0842F2

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.



A2B4FF



F2B808



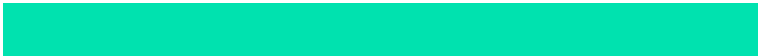
00DDFF

Square

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



F2B808



00E2AF



00CEFF



FF78D3

Rectangle

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



F2B808



6FD84D



00CEFF



F09DFF

Sweetspot

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



F2B808



FFEDB5



F20842



807453



000000



808080

Same Dimension

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



F2B808



FFC000



B7F208



78756C



B88A00



382A00

Inverse Universe

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



0842F2



003FFF



4208F2



6C6F78



002EB8



000E38

Previews

White Background



This preview shows how the Hex color F2B808 looks on a white background.

Color Contrast Check

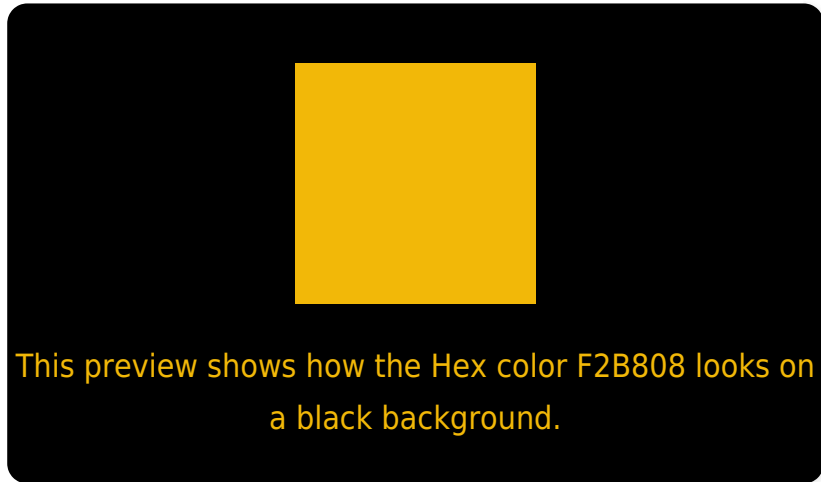
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex F2B808 Background



This preview shows how black text looks on a background with the Hex color F2B808.



This preview shows how white text looks on a background with the Hex color F2B808.

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

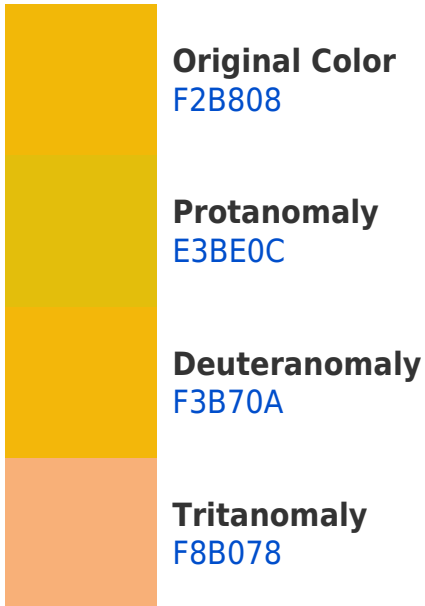


Original Color
F2B808

Protanopia
DAC20F

Deuteranopia
F4B70B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F2B808 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 #F2B808 looks like.

```
.text, #text, p{  
    color:#F2B808  
}
```

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 #F2B808 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2B808
}
```

Border

The CSS property to change the border of an element to Hex F2B808 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
#F2B808 }
```

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

```
.border{ border-color:#F2B808 }
```

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

Here you see how a box with a 4 pixel #F2B808 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2B808; -webkit-box-shadow:4px 4px  
4px 4px #F2B808; box-shadow:4px 4px 4px  
4px #F2B808 }
```

Background

The CSS property to change the background color of an element to Hex F2B808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2B808 }
```

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

```
.background{ background-color:#F2B808 }
```

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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