

Converting Colors

Hex(F2A200)

Have a look what the booklet for
Hex(F2A200) contains.

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Color

Hex(F2A200)

Conversions

Conversions Part 1

Format	Color
Hex	F2A200
RGB	242, 162, 0
RGB Percent	95%, 64%, 0%
CMY	0.0510, 0.3647, 1.0000
CMYK	0.00, 0.33, 1.00, 0.05
HSL	40°, 100%, 47%
HSV	40°, 100%, 95%
XYZ	49.5383, 44.7179, 6.0205
YIQ	167.4520, 99.6820, -33.4220

Conversions

Conversions Part 2

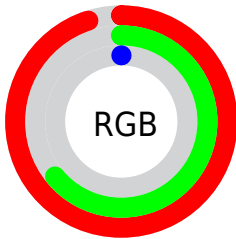
Format	Color
RYB	120, 242, 0
Decimal	15901184
CIELab	72.71, 20.03, 76.75
CIElCh	73, 79.317, 75.374
Yxy	44.7179, 0.4940, 0.4459
Android (android.graphics.Color)	4294091264 (0xFFFF2A200)
YUV	167.4520, -82.5538, 65.3786
Hunter-Lab	66.8714, 15.2075, 41.4721

Details

The Hex color **F2A200** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **0050F2**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFD94E**, and **B46E00** is the 20% darker color. If you saturate the color by 10%, you get **F2A200**, and if you desaturate by 10%, it is **F2AA18**.

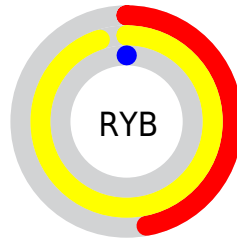
Distribution



Red (95%)

Green (64%)

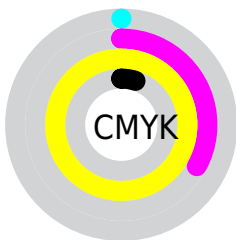
Blue (0%)



Red (47%)

Yellow (95%)

Blue (0%)

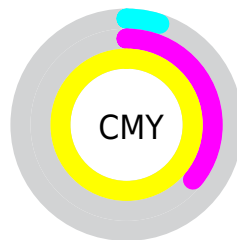


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F2A200 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 F2A200 by changing the saturation by 10% instead.

 F2A200

 F2A200

FFFFFF

 D38800

 FFD94E

 B46E00

 FFF56B

 955600

 FFFF87

 773F00

 FFFFA3

 5B2800

 FFFFC0

 3F1300

 FFFFDD

 270000

 FFFFFB

 000000

 F2A200

 F2AA18

 F2B230

 F2BA49

 F2C261

 F2CA79

 F2D291

 F2DAA9

 F2E2C2

 F2EADA

Harmonies

Analogous

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



FF824D



F2A200



B2BA00

Triad

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



F2A200



00D4D7



E48DFF

Complementary

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



F2A200



0050F2

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.



5DAEFF



F2A200



00D0FF

Square

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



F2A200



00D28B



00C5FF



FF6ED9

Rectangle

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



F2A200



7DC62B



00C5FF



C399FF

Sweetspot

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



F2A200



FFE6B3



F20051



807052



000000



808080

Same Dimension

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



F2A200



FFAB00



CAF200



78746C



B87B00



382600

Inverse Universe

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



0050F2



0054FF



2800F2



6C7078



003DB8



001338

Previews

White Background



This preview shows how the Hex color F2A200 looks on a white background.

Color Contrast Check

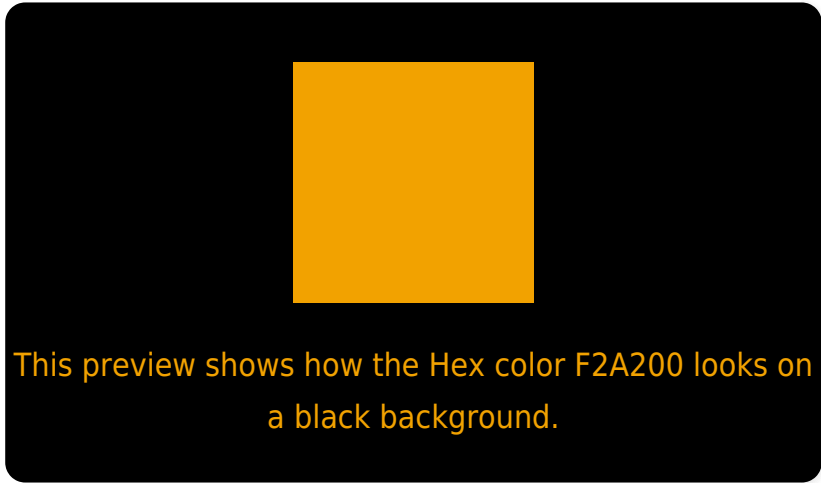
Large Text (above 18pt) WCAG AA × Fail

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 F2A200 Background



This preview shows how black text looks on a background with the Hex color F2A200.



This preview shows how white text looks on a background with the Hex color F2A200.

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
F2A200

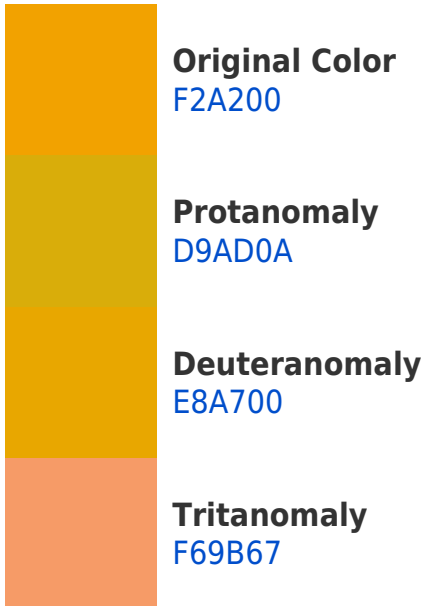
Protanopia
CAB310

Deuteranopia
E2AA00

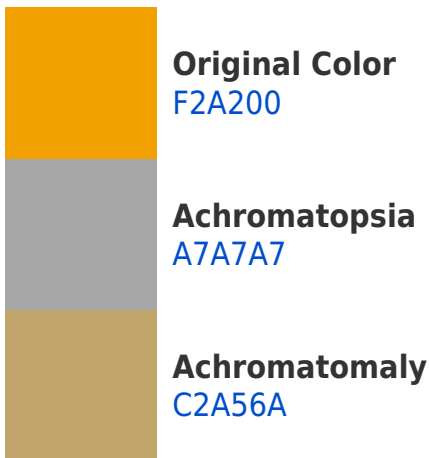


Tritanopia
F997A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F2A200 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 #F2A200 looks like.

```
.text, #text, p{  
    color:#F2A200  
}
```

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 #F2A200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2A200
}
```

Border

The CSS property to change the border of an element to Hex F2A200 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
#F2A200 }
```

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

```
.border{ border-color:#F2A200 }
```

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

Here you see how a box with a 4 pixel #F2A200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2A200; -webkit-box-shadow:4px 4px  
4px 4px #F2A200; box-shadow:4px 4px 4px  
4px #F2A200 }
```

Background

The CSS property to change the background color of an element to Hex F2A200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2A200 }
```

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

```
.background{ background-color:#F2A200 }
```

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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