

Converting Colors

Hex(6F2C00)

Have a look what the booklet for
Hex(6F2C00) contains.

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Color

Hex(6F2C00)

Conversions

Conversions Part 1

Format	Color
Hex	6F2C00
RGB	111, 44, 0
RGB Percent	44%, 17%, 0%
CMY	0.5647, 0.8275, 1.0000
CMYK	0.00, 0.60, 1.00, 0.56
HSL	24°, 100%, 22%
HSV	24°, 100%, 44%
XYZ	7.4562, 5.1809, 0.6070
YIQ	59.0170, 54.0560, 0.5200

Conversions

Conversions Part 2

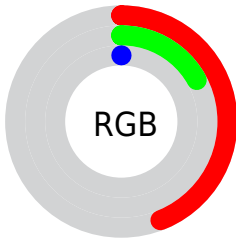
Format	Color
RYB	111, 73, 0
Decimal	7285760
CIELab	27.24, 27.64, 38.29
CIELCh	27, 47.226, 54.171
Yxy	5.1809, 0.5630, 0.3912
Android (android.graphics.Color)	4285475840 (0xFF6F2C00)
YUV	59.0170, -29.0954, 45.5891
Hunter-Lab	22.7615, 18.6404, 14.3519

Details

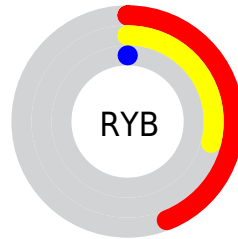
The Hex color **6F2C00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **00436F**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **A85C30**, and **380000** is the 20% darker color. If you saturate the color by 10%, you get **6F2C00**, and if you desaturate by 10%, it is **6F330B**.

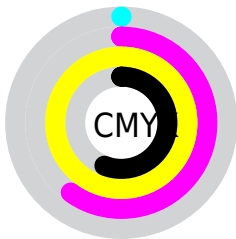
Distribution



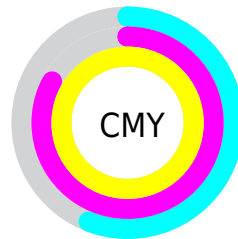
- Red (44%)
- Green (17%)
- Blue (0%)



- Red (44%)
- Yellow (29%)
- Blue (0%)



- Cyan (0%)
- Magenta (60%)
- Yellow (100%)
- Black (56%)



- Cyan (56%)
- Magenta (83%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F2C00 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 6F2C00 by changing the saturation by 10% instead.

 6F2C00

 6F2C00

 FFFFE6

 531500

 A85C30

 380000

 C67547

 1D0001

 E48F60

 000000

 FFAA79

 FFC593

 FFE1AE

 FFFECA

 6F2C00

 6F330B

 6F3916

 6F4021

 6F472C

 6F4E38

 6F5443

 6F5B4E

 6F6259

 6F6864

Harmonies

Analogous

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



7D1825



6F2C00



563C00

Triad

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



6F2C00



004F38



2B3A83

Complementary

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



6F2C00



00436F

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.



004789



6F2C00



00505D

Square

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



6F2C00



004D11



004E7B



64266B

Rectangle

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



6F2C00



404400



004E7B



003F87

Sweetspot

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



6F2C00



917766



6F0044



4A3A2F



C9C9C9



4A4A4A

Same Dimension

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



6F2C00



913A00



6F6200



383532



783000



F76200

Inverse Universe

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



00436F



005891



000D6F



323638



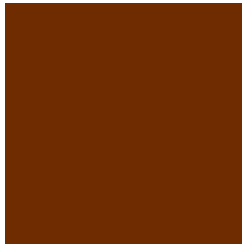
004878



0095F7

Previews

White Background



This preview shows how the Hex color 6F2C00 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

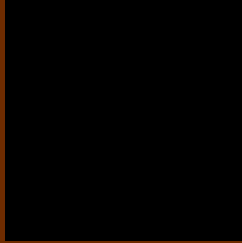
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 6F2C00 Background



This preview shows how black text looks on a background with the Hex color 6F2C00.



This preview shows how white text looks on a background with the Hex color 6F2C00.

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
6F2C00

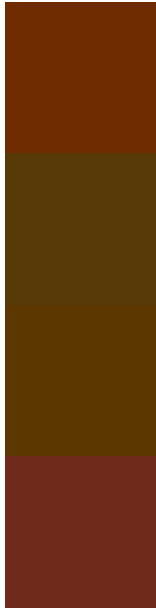
Protanopia
4A420B

Deuteranopia
533E00



Tritanopia
70292B

Trichromacy



Original Color
6F2C00

Protanomaly
573A07

Deuteranomaly
5D3700

Tritanomaly
702A1B

Monochromacy



Original Color
6F2C00

Achromatopsia
3B3B3B

Achromatomaly
4E3626

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F2C00 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 #6F2C00 looks like.

```
.text, #text, p{  
    color:#6F2C00  
}
```

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 #6F2C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F2C00  
}
```

Border

The CSS property to change the border of an element to Hex 6F2C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

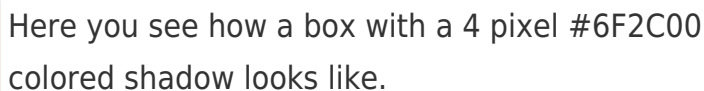
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6F2C00 }
```

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

```
.border{ border-color:#6F2C00 }
```

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



Here you see how a box with a 4 pixel #6F2C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F2C00; -webkit-box-shadow:4px 4px  
4px 4px #6F2C00; box-shadow:4px 4px 4px  
4px #6F2C00 }
```

Background

The CSS property to change the background color of an element to Hex 6F2C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F2C00 }
```

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

```
.background{ background-color:#6F2C00 }
```

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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