

Converting Colors

Hex(4F2300)

Have a look what the booklet for
Hex(4F2300) contains.

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Color

Hex(4F2300)

Conversions

Conversions Part 1

Format	Color
Hex	4F2300
RGB	79, 35, 0
RGB Percent	31%, 14%, 0%
CMY	0.6902, 0.8627, 1.0000
CMYK	0.00, 0.56, 1.00, 0.69
HSL	27°, 100%, 15%
HSV	27°, 100%, 31%
XYZ	3.8255, 2.8643, 0.3512
YIQ	44.1660, 37.4590, -1.5570

Conversions

Conversions Part 2

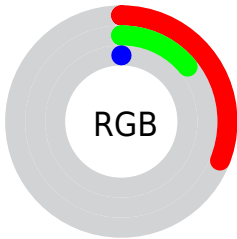
Format	Color
R_{YB}	79, 63, 0
Decimal	5186304
CIE _{Lab}	19.49, 18.37, 28.58
CIE _{LCh}	19, 33.976, 57.275
Yxy	2.8643, 0.5433, 0.4068
Android (android.graphics.Color)	4283376384 (0xFF4F2300)
YUV	44.1660, -21.7738, 30.5494
Hunter-Lab	16.9243, 10.7296, 10.6165

Details

The Hex color **4F2300** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002C4F**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **84502F**, and **1E0001** is the 20% darker color. If you saturate the color by 10%, you get **4F2300**, and if you desaturate by 10%, it is **4F2708**.

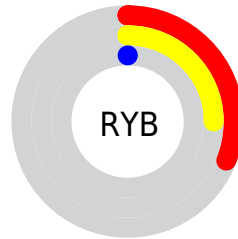
Distribution



Red (31%)

Green (14%)

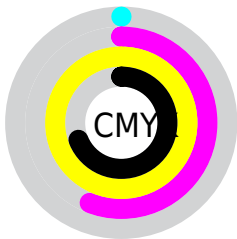
Blue (0%)



Red (31%)

Yellow (25%)

Blue (0%)

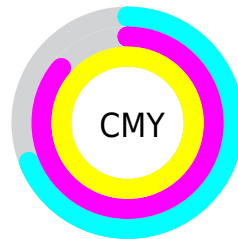


Cyan (0%)

Magenta (56%)

Yellow (100%)

Black (69%)



Cyan (69%)

Magenta (86%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F2300 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 4F2300 by changing the saturation by 10% instead.

 4F2300

 4F2300

 FFFFE3

 350E00

 84502F

 1E0001

 A06946

 000000

 BD825E

 DA9C77

 F7B791

 FFD3AB

 FFEFC7

 4F2300

■ 4F2708

■ 4F2C10

■ 4F3018

■ 4F3520

■ 4F3928

■ 4F3D2F

■ 4F4237

■ 4F463F

■ 4F4B47

Harmonies

Analogous

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



59181A



4F2300



3D2D00

Triad

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



4F2300



003A2C



292A5C

Complementary

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



4F2300



002C4F

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.



003361



4F2300



003A45

Square

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



4F2300



003812



003859



4A1D4A

Rectangle

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



4F2300



2E3200



003859



142D5F

Sweetspot

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



4F2300



665547



4F002D



332921



B3B3B3



333333

Same Dimension

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



4F2300



662D00



4F4A00



262422



E66600

Inverse Universe

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



002C4F



003966



00054F



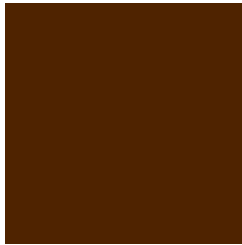
222526



0080E6

Previews

White Background



This preview shows how the Hex color 4F2300 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

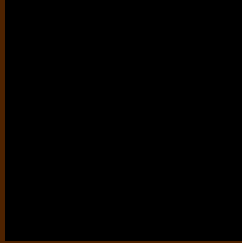
Any Text WCAG AA × Fail

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 4F2300 Background



This preview shows how black text looks on a background with the Hex color 4F2300.



This preview shows how white text looks on a background with the Hex color 4F2300.

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
4F2300

Protanopia
363007

Deuteranopia
3D2E00

Trichromacy



Original Color
4F2300

Protanomaly
3F2B04

Deuteranomaly
442A00

Tritanomaly
502216

Monochromacy



Original Color
4F2300

Achromatopsia
2C2C2C

Achromatomaly
39291C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F2300 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 #4F2300 looks like.

```
.text, #text, p{  
    color:#4F2300  
}
```

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 #4F2300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F2300
}
```

Border

The CSS property to change the border of an element to Hex 4F2300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

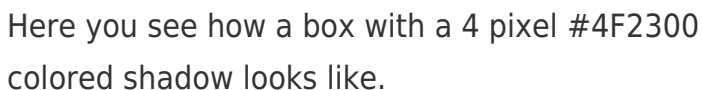
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F2300 }
```

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

```
.border{ border-color:#4F2300 }
```

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



Here you see how a box with a 4 pixel #4F2300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F2300; -webkit-box-shadow:4px 4px  
4px 4px #4F2300; box-shadow:4px 4px 4px  
4px #4F2300 }
```

Background

The CSS property to change the background color of an element to Hex 4F2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F2300 }
```

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

```
.background{ background-color:#4F2300 }
```

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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