

Converting Colors

Hex(4F220B)

Have a look what the booklet for
Hex(4F220B) contains.

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Color

Hex(4F220B)

Conversions

Conversions Part 1

Format	Color
Hex	4F220B
RGB	79, 34, 11
RGB Percent	31%, 13%, 4%
CMY	0.6902, 0.8667, 0.9569
CMYK	0.00, 0.57, 0.86, 0.69
HSL	20°, 76%, 18%
HSV	20°, 86%, 31%
XYZ	3.8569, 2.8305, 0.6597
YIQ	44.8330, 34.2030, 2.3870

Conversions

Conversions Part 2

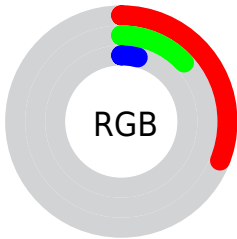
Format	Color
R_YB	79, 46, 11
Decimal	5186059
CIE _{Lab}	19.35, 19.44, 23.93
CIE _{LCh}	19, 30.831, 50.910
Yxy	2.8305, 0.5250, 0.3853
Android (android.graphics.Color)	4283376139 (0xFF4F220B)
YUV	44.8330, -16.6797, 29.9645
Hunter-Lab	16.8240, 11.4788, 9.4521

Details

The Hex color **4F220B** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0B384F**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **845037**, and **1E0001** is the 20% darker color. If you saturate the color by 10%, you get **4F1D03**, and if you desaturate by 10%, it is **4F2713**.

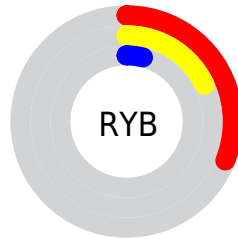
Distribution



Red (31%)

Green (13%)

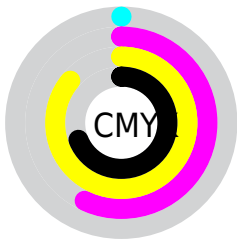
Blue (4%)



Red (31%)

Yellow (18%)

Blue (4%)

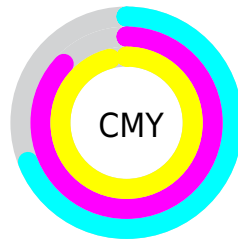


Cyan (0%)

Magenta (57%)

Yellow (86%)

Black (69%)



Cyan (69%)

Magenta (87%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F220B 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 4F220B by changing the saturation by 10% instead.

 4F220B

 4F220B

 FFFFEC

 360D00

 845037

 1E0001

 A0684E

 000000

 BC8166

 D99B7F

 F6B699

 FFD2B4

 FFEED0

 4F220B

 4F220B

■ 4F1D03

■ 4F2713

■ 4F1B00

■ 4F2C1B

■ 4F3223

■ 4F372B

■ 4F3C33

■ 4F413A

■ 4F4742

■ 4F4C4A

■ 4F5152

Harmonies

Analogous

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



571920



4F220B



402B00

Triad

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



4F220B



003927



212C59

Complementary

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



4F220B



0B384F

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.



00345B



4F220B



00393E

Square

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



4F220B



0D3711



003851



43224B

Rectangle

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



4F220B



333000



003851



082F5B

Sweetspot

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



4F220B



66544B



4F0B38



332923



B3B3B3



333333

Same Dimension

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



4F220B



662300



4F440B



262422



E64E00

Inverse Universe

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



0B384F



004366



0B164F



222526



0098E6

Previews

White Background



This preview shows how the Hex color 4F220B 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

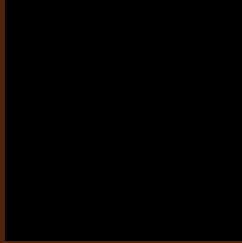
Any Text WCAG AA × Fail

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 4F220B Background



This preview shows how black text looks on a background with the Hex color 4F220B.

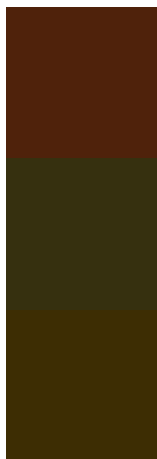


This preview shows how white text looks on a background with the Hex color 4F220B.

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
4F220B

Protanopia
36300F

Deuteranopia
3D2D03

Trichromacy



Original Color
4F220B

Protanomaly
3F2B0E

Deuteranomaly
442906

Tritanomaly
50211A

Monochromacy



Original Color
4F220B

Achromatopsia
2D2D2D

Achromatomaly
392921

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F220B 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 #4F220B looks like.

```
.text, #text, p{  
    color:#4F220B  
}
```

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 #4F220B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F220B
}
```

Border

The CSS property to change the border of an element to Hex 4F220B is called "border". The border property can be set on classes, ids or directly on the HTML element.

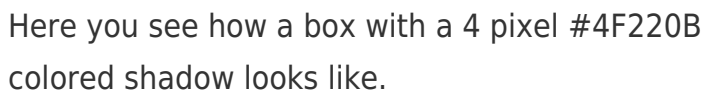
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F220B }
```

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

```
.border{ border-color:#4F220B }
```

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



Here you see how a box with a 4 pixel #4F220B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F220B; -webkit-box-shadow:4px 4px  
4px 4px #4F220B; box-shadow:4px 4px 4px  
4px #4F220B }
```

Background

The CSS property to change the background color of an element to Hex 4F220B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F220B }
```

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

```
.background{ background-color:#4F220B }
```

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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