

Converting Colors

Hex(4F7F23)

Have a look what the booklet for
Hex(4F7F23) contains.

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Color

Hex(4F7F23)

Conversions

Conversions Part 1

Format	Color
Hex	4F7F23
RGB	79, 127, 35
RGB Percent	31%, 50%, 14%
CMY	0.6902, 0.5020, 0.8627
CMYK	0.38, 0.00, 0.72, 0.50
HSL	91°, 57%, 32%
HSV	91°, 72%, 50%
XYZ	11.1172, 16.9624, 4.2782
YIQ	102.1600, 0.9240, -38.7880

Conversions

Conversions Part 2

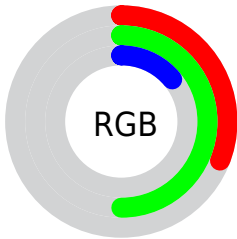
Format	Color
R_{YB}	35, 127, 83
Decimal	5209891
CIE _{Lab}	48.21, -32.25, 42.72
CIE _{LCh}	48, 53.527, 127.054
Yxy	16.9624, 0.3436, 0.5242
Android (android.graphics.Color)	4283399971 (0xFF4F7F23)
YUV	102.1600, -33.1099, -20.3113
Hunter-Lab	41.1854, -23.8918, 22.6709

Details

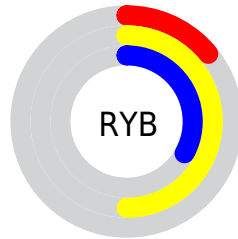
The Hex color **4F7F23** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **53237F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **84B456**, and **1A4D00** is the 20% darker color. If you saturate the color by 10%, you get **487F16**, and if you desaturate by 10%, it is **567F30**.

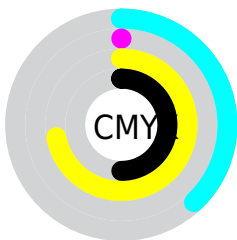
Distribution



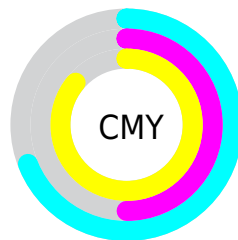
- Red (31%)
- Green (50%)
- Blue (14%)



- Red (14%)
- Yellow (50%)
- Blue (33%)



- Cyan (38%)
- Magenta (0%)
- Yellow (72%)
- Black (50%)



- Cyan (69%)
- Magenta (50%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F7F23 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 4F7F23 by changing the saturation by 10% instead.



4F7F23



4F7F23

FFFFFF



356605



84B456



1A4D00



9FD06F



003600



BBEC8A



002200



D7FFA5



000000



F5FFC0



FFFFDD



FFFFF9



4F7F23



4F7F23

■ 487F16

■ 567F30

■ 427F0A

■ 5C7F3C

■ 3D7F00

■ 637F49

■ 6A7F56

■ 707F62

■ 777F6F

■ 7D7F7C

■ 847F89

■ 8B7F95

Harmonies

Analogous

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



7F7404



4F7F23



00854D

Triad

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



4F7F23



0081C6



C3456A

Complementary

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



4F7F23



53237F

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.



B14E97



4F7F23



0574CD

Square

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



4F7F23



0086A8



8162BB



BD503E

Rectangle

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



4F7F23



00876C



8162BB



C04679

Sweetspot

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



4F7F23



93A681



7F5323



49543E



D4D4D4



545454

Same Dimension

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



4F7F23



5BA616



237F25



3C4039



3D8000



000000

Inverse Universe

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



53237F



6116A6



7F237D



3D3940



430080



000000

Previews

White Background



This preview shows how the Hex color 4F7F23 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4F7F23 Background



This preview shows how black text looks on a background with the Hex color 4F7F23.



This preview shows how white text looks on a background with the Hex color 4F7F23.

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
4F7F23

Protanopia
807220

Deuteranopia
8E6C2A



Tritanopia
5C7780

Trichromacy



Original Color
4F7F23

Protanomaly
6E7721

Deuteranomaly
777327

Tritanomaly
577A5E

Monochromacy



Original Color
4F7F23

Achromatopsia
666666

Achromatomaly
5E6F4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F7F23 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 #4F7F23 looks like.

```
.text, #text, p{  
    color:#4F7F23  
}
```

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 #4F7F23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7F23
}
```

Border

The CSS property to change the border of an element to Hex 4F7F23 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
#4F7F23 }
```

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

```
.border{ border-color:#4F7F23 }
```

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

Here you see how a box with a 4 pixel #4F7F23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7F23; -webkit-box-shadow:4px 4px  
4px 4px #4F7F23; box-shadow:4px 4px 4px  
4px #4F7F23 }
```

Background

The CSS property to change the background color of an element to Hex 4F7F23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7F23 }
```

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

```
.background{ background-color:#4F7F23 }
```

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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