

Converting Colors

Hex(4F8D29)

Have a look what the booklet for
Hex(4F8D29) contains.

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Color

Hex(4F8D29)

Conversions

Conversions Part 1

Format	Color
Hex	4F8D29
RGB	79, 141, 41
RGB Percent	31%, 55%, 16%
CMY	0.6902, 0.4471, 0.8392
CMYK	0.44, 0.00, 0.71, 0.45
HSL	97°, 55%, 36%
HSV	97°, 71%, 55%
XYZ	13.1496, 20.8721, 5.4335
YIQ	111.0620, -4.8520, -44.2440

Conversions

Conversions Part 2

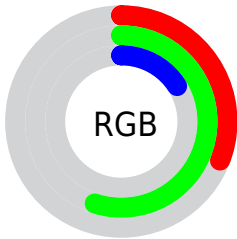
Format	Color
R_{YB}	41, 141, 103
Decimal	5213481
CIE _{Lab}	52.81, -37.99, 45.00
CIE _{LCh}	53, 58.896, 130.171
Yxy	20.8721, 0.3333, 0.5290
Android (android.graphics.Color)	4283403561 (0xFF4F8D29)
YUV	111.0620, -34.5406, -28.1184
Hunter-Lab	45.6860, -28.5738, 24.9288

Details

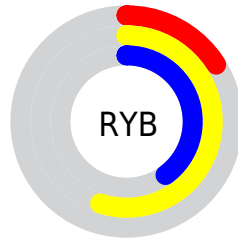
The Hex color **4F8D29** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **67298D**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **85C35C**, and **155A00** is the 20% darker color. If you saturate the color by 10%, you get **468D1B**, and if you desaturate by 10%, it is **588D37**.

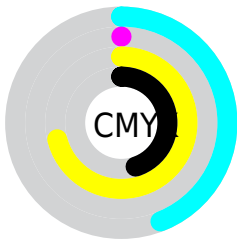
Distribution



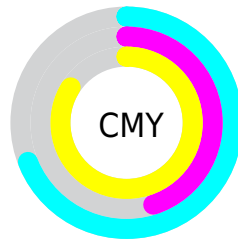
- Red (31%)
- Green (55%)
- Blue (16%)



- Red (16%)
- Yellow (55%)
- Blue (40%)



- Cyan (44%)
- Magenta (0%)
- Yellow (71%)
- Black (45%)



- Cyan (69%)
- Magenta (45%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F8D29 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 4F8D29 by changing the saturation by 10% instead.



4F8D29



4F8D29

FFFFFF



34730B



85C35C



155A00



A1DF76



004200



BDFC91



002B00



D9FFAC



001200



F7FFC8



000000



FFFFE5



4F8D29



4F8D29



468D1B



588D37

 3E8D0D

 608D45

 368D00

 698D53

 728D61

 7B8D70

 838D7E

 8C8D8C

 958D9A

 9E8DA8

Harmonies

Analogous

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



878100



4F8D29



00935A

Triad

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



4F8D29



008DDD



D94B6F

Complementary

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



4F8D29



67298D

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.



C752A2



4F8D29



257EE2

Square

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



4F8D29



0094BE



9669CC



CF593F

Rectangle

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



4F8D29



00957D



9669CC



D64B80

Sweetspot

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



4F8D29



A0B891



8D6729



4E5C45



DBDBDB



5C5C5C

Same Dimension

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



4F8D29



57B81C



298D35



434740



338700



030800

Inverse Universe

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



67298D



7C1CB8



8D2981



454047



540087



050008

Previews

White Background



This preview shows how the Hex color 4F8D29 looks on a white background.

Color Contrast Check

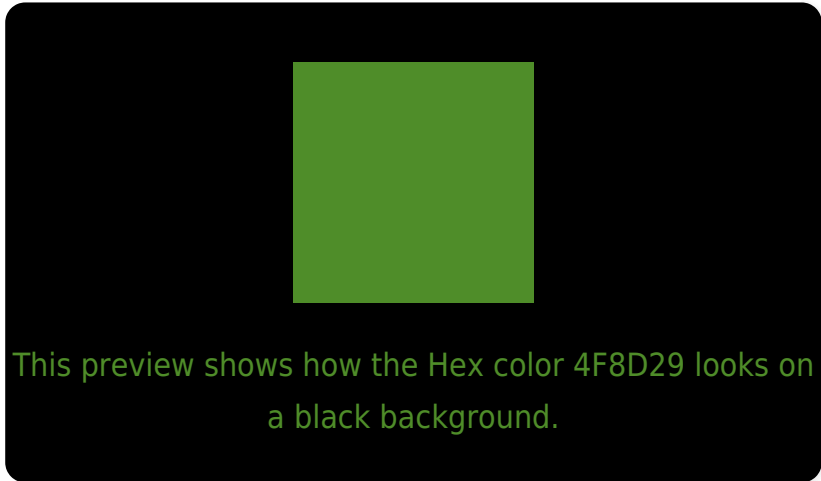
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

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

Hex 4F8D29 Background



This preview shows how black text looks on a background with the Hex color 4F8D29.



This preview shows how white text looks on a background with the Hex color 4F8D29.

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
4F8D29

Protanopia
8D7E25

Deuteranopia
9C7731



Tritanopia
5F848E

Trichromacy



Original Color
4F8D29

Protanomaly
768326

Deuteranomaly
807F2E

Tritanomaly
598769

Monochromacy



Original Color
4F8D29

Achromatopsia
6F6F6F

Achromatomaly
637A56

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F8D29 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 #4F8D29 looks like.

```
.text, #text, p{  
    color:#4F8D29  
}
```

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 #4F8D29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F8D29
}
```

Border

The CSS property to change the border of an element to Hex 4F8D29 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
#4F8D29 }
```

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

```
.border{ border-color:#4F8D29 }
```

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

Here you see how a box with a 4 pixel #4F8D29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F8D29; -webkit-box-shadow:4px 4px  
4px 4px #4F8D29; box-shadow:4px 4px 4px  
4px #4F8D29 }
```

Background

The CSS property to change the background color of an element to Hex 4F8D29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F8D29 }
```

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

```
.background{ background-color:#4F8D29 }
```

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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