

# Converting Colors

Hex(4F6629)

Have a look what the booklet for  
Hex(4F6629) contains.

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# Color

**Hex(4F6629)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F6629
RGB	79, 102, 41
RGB Percent	31%, 40%, 16%
CMY	0.6902, 0.6000, 0.8392
CMYK	0.23, 0.00, 0.60, 0.60
HSL	83°, 43%, 28%
HSV	83°, 60%, 40%
XYZ	8.3761, 11.3251, 3.8423
YIQ	88.1690, 5.8730, -23.8470

# Conversions

## Conversions Part 2

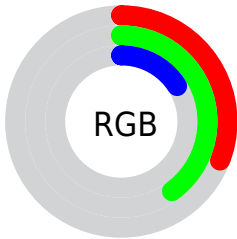
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 102, 64
Decimal	5203497
CIELab	40.12, -19.40, 31.16
CIELCh	40, 36.710, 121.910
Yxy	11.3251, 0.3558, 0.4810
Android (android.graphics.Color)	4283393577 (0xFF4F6629)
YUV	88.1690, -23.2543, -8.0412
Hunter-Lab	33.6528, -14.4644, 16.7875

# Details

The Hex color **4F6629** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **402966**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **829959**, and **203700** is the 20% darker color. If you saturate the color by 10%, you get **4B661F**, and if you desaturate by 10%, it is **536633**.

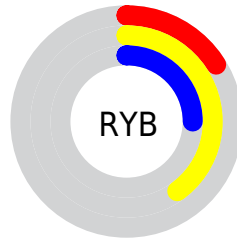
# Distribution



Red (31%)

Green (40%)

Blue (16%)



Red (16%)

Yellow (40%)

Blue (25%)

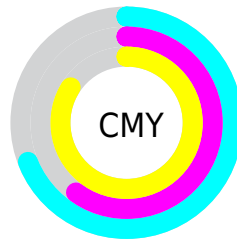


Cyan (23%)

Magenta (0%)

Yellow (60%)

Black (60%)



Cyan (69%)

Magenta (60%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F6629 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 4F6629 by changing the saturation by 10% instead.





4F6629



4F6629

FFFFFF



374E12



829959



203700



9CB472



052200



B8CF8C



000100



D4ECA6



000000



F0FFC2



FFFFDE



FFFFFB



4F6629



4F6629

■ 4B661F

■ 536633

■ 476615

■ 57663D

■ 43660A

■ 5B6648

■ 406600

■ 5E6652

■ 62665C

■ 666666

■ 6A6670

■ 6E667B

■ 726685

# Harmonies

## Analogous

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



6E5E1F



4F6629



256B41

# Triad

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



4F6629



006993



95445E

# Complementary

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



4F6629



402966

# 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.



854A7B



4F6629



25619A

# Square

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



4F6629



006D7D



635692



944841

# Rectangle

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



4F6629



006D55



635692



914568



# Sweetspot

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



4F6629



7C856D



663F29



3D4234



C2C2C2



424242



# Same Dimension

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



4F6629



618525



316629



31332E



477300



97F200



# Inverse Universe

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



402966



492585



5E2966



302E33



2B0073

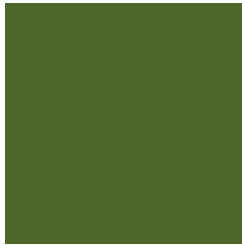


5B00F2



# Previews

## White Background



This preview shows how the Hex color 4F6629 looks on a white background.

## Color Contrast Check

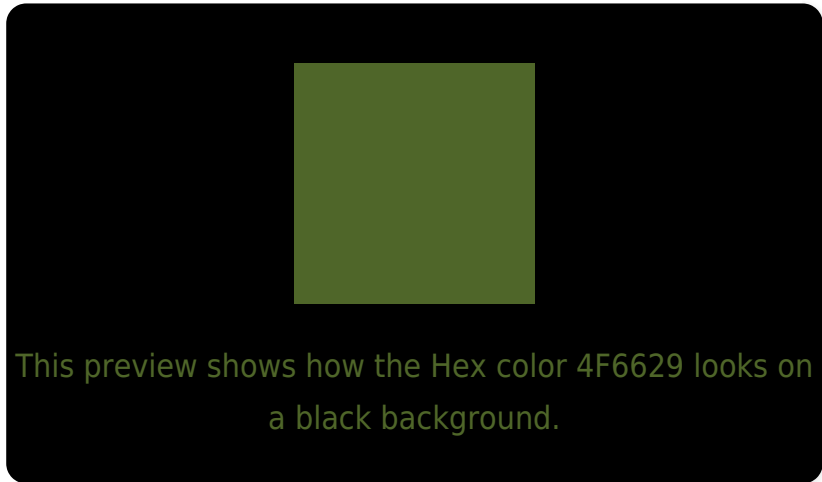
Large Text (above 18pt) WCAG AA ✓ Pass

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

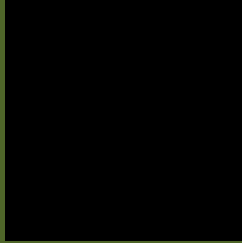
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F6629 Background



This preview shows how black text looks on a background with the Hex color 4F6629.



This preview shows how white text looks on a background with the Hex color 4F6629.

# 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**  
4F6629

**Protanopia**  
695F27

**Deuteranopia**  
745A2D



**Tritanopia**  
576067

# Trichromacy



**Original Color**  
4F6629

**Protanomaly**  
606228

**Deuteranomaly**  
675E2C

**Tritanomaly**  
546250

# Monochromacy



**Original Color**  
4F6629

**Achromatopsia**  
585858

**Achromatomaly**  
555D47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F6629 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 #4F6629 looks like.

```
.text, #text, p{  
    color:#4F6629  
}
```

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 #4F6629 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F6629
}
```

## Border

The CSS property to change the border of an element to Hex 4F6629 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
#4F6629 }
```

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

```
.border{ border-color:#4F6629 }
```

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

Here you see how a box with a 4 pixel #4F6629 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F6629; -webkit-box-shadow:4px 4px  
4px 4px #4F6629; box-shadow:4px 4px 4px  
4px #4F6629 }
```

# Background

The CSS property to change the background color of an element to Hex 4F6629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F6629 }
```

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

```
.background{ background-color:#4F6629 }
```

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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