

# Converting Colors

Hex(4D620F)

Have a look what the booklet for  
Hex(4D620F) contains.

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# Color

Hex(4D620F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D620F
RGB	77, 98, 15
RGB Percent	30%, 38%, 6%
CMY	0.6980, 0.6157, 0.9412
CMYK	0.21, 0.00, 0.85, 0.62
HSL	75°, 73%, 22%
HSV	75°, 85%, 38%
XYZ	7.5145, 10.3476, 2.0532
YIQ	82.2590, 14.1270, -30.2650

# Conversions

## Conversions Part 2

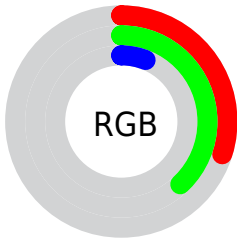
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 98, 36
Decimal	5071375
CIELab	38.46, -20.14, 40.66
CIELCh	38, 45.377, 116.351
Yxy	10.3476, 0.3773, 0.5196
Android (android.graphics.Color)	4283261455 (0xFF4D620F)
YUV	82.2590, -33.1587, -4.6121
Hunter-Lab	32.1677, -14.5954, 18.7331

# Details

The Hex color **4D620F** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **240F62**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **819542**, and **1C3300** is the 20% darker color. If you saturate the color by 10%, you get **4B6205**, and if you desaturate by 10%, it is **4F6219**.

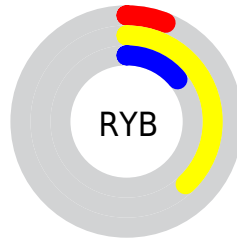
# Distribution



Red (30%)

Green (38%)

Blue (6%)



Red (6%)

Yellow (38%)

Blue (14%)

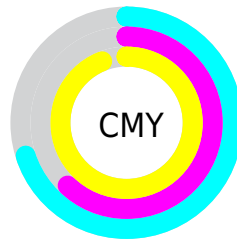


Cyan (21%)

Magenta (0%)

Yellow (85%)

Black (62%)



Cyan (70%)

Magenta (62%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D620F 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 4D620F by changing the saturation by 10% instead.




 4D620F

 4D620F

FFFFFF

 344A00

 819542

 1C3300

 9CAF5B

 001F00

 B7CB75

 000000

 D3E78F

 F0FFAA

 FFFFC6

 FFFFEE

 4D620F

 4D620F

■ 4B6205

■ 4F6219

■ 496200

■ 526223

■ 54622C

■ 576236

■ 596240

■ 5C624A

■ 5E6254

■ 61625D

■ 636267

# Harmonies

## Analogous

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



715704



4D620F



14682F

# Triad

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



4D620F



006897



993661

# Complementary

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



4D620F



240F62

# 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.



834284



4D620F



0060A4

# Square

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



4D620F



006C7A



52539D



9B3A3C

# Rectangle

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



4D620F



006B48



52539D



94396D



# Sweetspot

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



4D620F



778060



62240F



3B402D



BFBFBF



404040



# Same Dimension

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



4D620F



5F8000



24620F



2F302C



547000



B3F000



# Inverse Universe

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



240F62



200080



4D0F62



2D2C30



1C0070



3D00F0



# Previews

## White Background



This preview shows how the Hex color 4D620F looks on a white background.

## Color Contrast Check

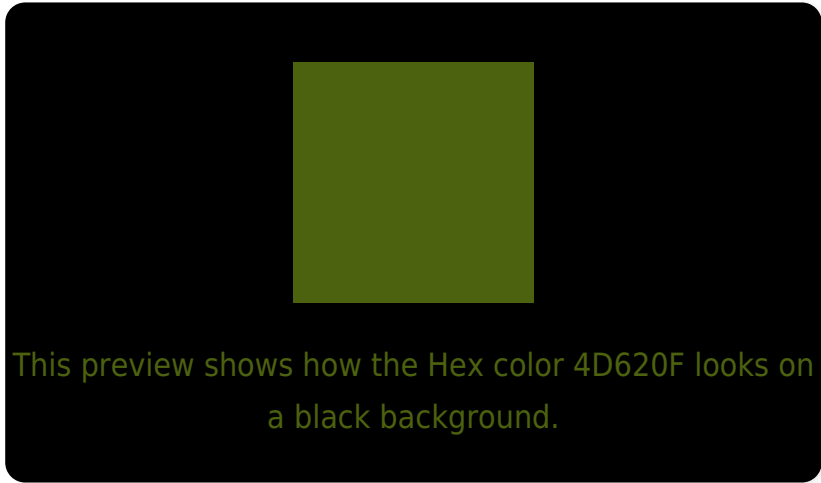
Large Text (above 18pt) WCAG AA ✓ Pass

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

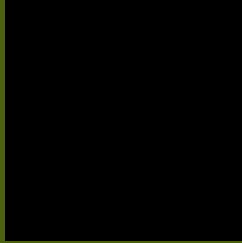
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D620F Background



This preview shows how black text looks on a background with the Hex color 4D620F.



This preview shows how white text looks on a background with the Hex color 4D620F.

# 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**  
4D620F

**Protanopia**  
665B0D

**Deuteranopia**  
725617



**Tritanopia**  
555B62

# Trichromacy



**Original Color**  
4D620F

**Protanomaly**  
5D5E0E

**Deuteranomaly**  
655A14

**Tritanomaly**  
525E44

# Monochromacy



**Original Color**  
4D620F

**Achromatopsia**  
525252

**Achromatomaly**  
50583A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D620F 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 #4D620F looks like.

```
.text, #text, p{  
    color:#4D620F  
}
```

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 #4D620F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D620F
}
```

## Border

The CSS property to change the border of an element to Hex 4D620F 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
#4D620F }
```

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

```
.border{ border-color:#4D620F }
```

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

Here you see how a box with a 4 pixel #4D620F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D620F; -webkit-box-shadow:4px 4px  
4px 4px #4D620F; box-shadow:4px 4px 4px  
4px #4D620F }
```

# Background

The CSS property to change the background color of an element to Hex 4D620F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D620F }
```

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

```
.background{ background-color:#4D620F }
```

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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