

# Converting Colors

Hex(4D6403)

Have a look what the booklet for  
Hex(4D6403) contains.

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**Color**

**Hex(4D6403)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D6403
RGB	77, 100, 3
RGB Percent	30%, 39%, 1%
CMY	0.6980, 0.6078, 0.9882
CMYK	0.23, 0.00, 0.97, 0.61
HSL	74°, 94%, 20%
HSV	74°, 97%, 39%
XYZ	7.6342, 10.6987, 1.7488
YIQ	82.0650, 17.4290, -35.0430

# Conversions

## Conversions Part 2

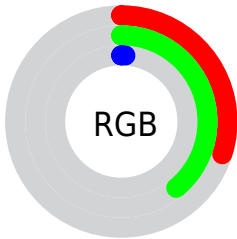
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 100, 26
Decimal	5071875
CIE Lab	39.07, -21.63, 44.48
CIE LCh	39, 49.465, 115.934
Yxy	10.6987, 0.3802, 0.5328
Android (android.graphics.Color)	4283261955 (0xFF4D6403)
YUV	82.0650, -38.9790, -4.4420
Hunter-Lab	32.7089, -15.5790, 19.7262

# Details

The Hex color **4D6403** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1A0364**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **81973C**, and **1B3500** is the 20% darker color. If you saturate the color by 10%, you get **4C6400**, and if you desaturate by 10%, it is **4F640D**.

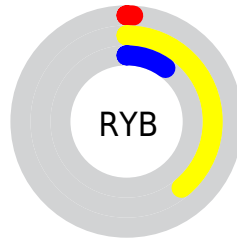
# Distribution



Red (30%)

Green (39%)

Blue (1%)



Red (1%)

Yellow (39%)

Blue (10%)

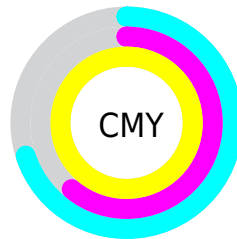


Cyan (23%)

Magenta (0%)

Yellow (97%)

Black (61%)



Cyan (70%)

Magenta (61%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D6403 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 4D6403 by changing the saturation by 10% instead.




 4D6403

 4D6403

 FFFFFFF9

 344C00

 81973C

 1B3500

 9CB255

 002000

 B8CD6F

 000000

 D4E989

 F1FFA4

 FFFFC0

 FFFFDC

 4D6403

 4D6403

■ 4C6400

■ 4F640D

■ 526417

■ 546421

■ 56642B

■ 596435

■ 5B643F

■ 5E6449

■ 606453

■ 62645D

# Harmonies

## Analogous

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



745800



4D6403



056B2C

# Triad

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



4D6403



006B9E



A03263

# Complementary

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



4D6403



1A0364

# 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.



87418A



4D6403



0062AD

# Square

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



4D6403



006E7E



5054A5



A2373B

# Rectangle

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



4D6403



006D47



5054A5



9A3671



# Sweetspot

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



4D6403



79825C



641A03



3D422B



C2C2C2



424242



# Same Dimension

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



4D6403



638200



1D6403



32332E



587300



B9F200



# Inverse Universe

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



1A0364



1F0082



4A0364



2F2E33



1B0073



3900F2



# Previews

## White Background



This preview shows how the Hex color 4D6403 looks on a white background.

## Color Contrast Check

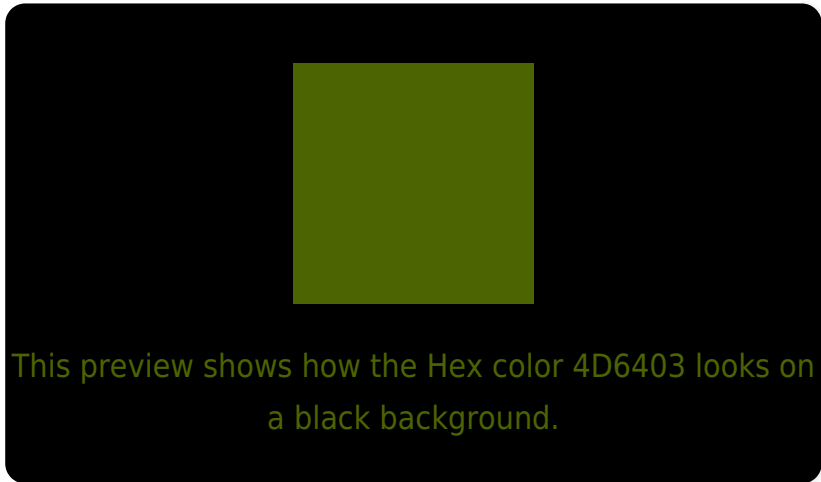
Large Text (above 18pt) WCAG AA ✓ Pass

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

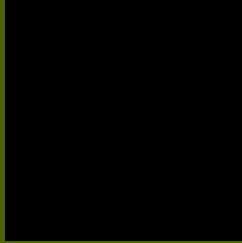
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D6403 Background



This preview shows how black text looks on a background with the Hex color 4D6403.



This preview shows how white text looks on a background with the Hex color 4D6403.

# 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**  
4D6403

**Protanopia**  
685C00

**Deuteranopia**  
745712



**Tritanopia**  
565D64

# Trichromacy



**Original Color**  
4D6403

**Protanomaly**  
5E5F01

**Deuteranomaly**  
665C0D

**Tritanomaly**  
536041

# Monochromacy



**Original Color**  
4D6403

**Achromatopsia**  
525252

**Achromatomaly**  
505935

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D6403 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 #4D6403 looks like.

```
.text, #text, p{  
    color:#4D6403  
}
```

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 #4D6403 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6403
}
```

## Border

The CSS property to change the border of an element to Hex 4D6403 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
#4D6403 }
```

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

```
.border{ border-color:#4D6403 }
```

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

Here you see how a box with a 4 pixel #4D6403 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6403; -webkit-box-shadow:4px 4px  
4px 4px #4D6403; box-shadow:4px 4px 4px  
4px #4D6403 }
```

# Background

The CSS property to change the background color of an element to Hex 4D6403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6403 }
```

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

```
.background{ background-color:#4D6403 }
```

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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