

# Converting Colors

Hex(4A6600)

Have a look what the booklet for  
Hex(4A6600) contains.

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**Color**

**Hex(4A6600)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4A6600
RGB	74, 102, 0
RGB Percent	29%, 40%, 0%
CMY	0.7098, 0.6000, 1.0000
CMYK	0.27, 0.00, 1.00, 0.60
HSL	76°, 100%, 20%
HSV	76°, 100%, 40%
XYZ	7.5754, 10.9586, 1.7160
YIQ	82.0000, 16.0540, -37.6580

# Conversions

## Conversions Part 2

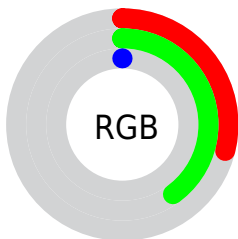
Format	Color
<b>RYB</b>	0, 102, 28
Decimal	4875776
CIELab	39.51, -24.09, 45.56
CIELCh	40, 51.543, 117.870
Yxy	10.9586, 0.3741, 0.5412
Android (android.graphics.Color)	4283065856 (0xFF4A6600)
YUV	82.0000, -40.4260, -7.0160
Hunter-Lab	33.1038, -17.0839, 20.0993

# Details

The Hex color **4A6600** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1C0066**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7E993A**, and **173700** is the 20% darker color. If you saturate the color by 10%, you get **4A6600**, and if you desaturate by 10%, it is **4D660A**.

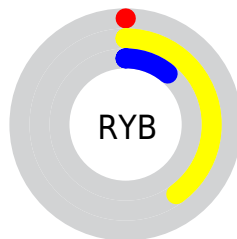
# Distribution



Red (29%)

Green (40%)

Blue (0%)



Red (0%)

Yellow (40%)

Blue (11%)

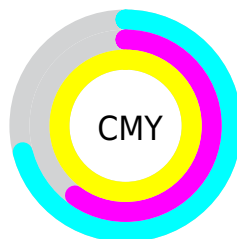


Cyan (27%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (71%)

Magenta (60%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A6600 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 4A6600 by changing the saturation by 10% instead.



 4A6600

 4A6600

 FFFFF8

 314E00

 7E993A

 173700

 99B454

 002200

 B5D06D

 000000

 D1EC88

 EEFFA3

 FFFFBE

 FFFFDB

 4A6600

 4D660A

 506614

 52661F

 556629

 586633

 5B663D

 5E6647

 606652

 63665C

# Harmonies

## Analogous

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



735A00



4A6600



006D2D

# Triad

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



4A6600



006CA4



A53062

# Complementary

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



4A6600



1C0066

# 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.



8C3F8A



4A6600



0063B1

# Square

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



4A6600



007083



5553A8



A53639

# Rectangle

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



4A6600



006F4A



5553A8



9F3370



# Sweetspot

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



4A6600



7A855D



661B00



3C422A



C2C2C2



424242



# Same Dimension

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



4A6600



608500



186600



32332E



537300



B0F200



# Inverse Universe

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



1C0066



240085



4E0066



2F2E33



1F0073



4200F2



# Previews

## White Background



This preview shows how the Hex color 4A6600 looks on a white background.

## Color Contrast Check

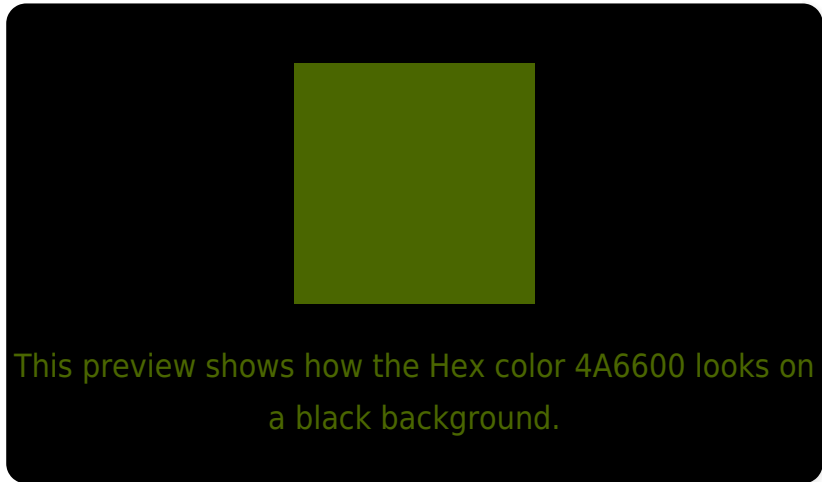
Large Text (above 18pt) WCAG AA ✓ Pass

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

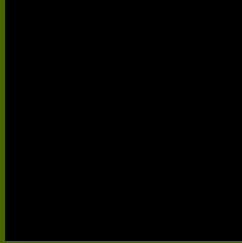
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A6600 Background



This preview shows how black text looks on a background with the Hex color 4A6600.



This preview shows how white text looks on a background with the Hex color 4A6600.

# 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**  
4A6600

**Deuteranopia**  
755813

**Tritanopia**  
535F66

# Trichromacy



**Original Color**  
4A6600

**Deuteranomaly**  
655D0C

**Tritanomaly**  
506241

# Monochromacy



**Original Color**  
4A6600

**Achromatopsia**  
525252

**Achromatomaly**  
4F5934

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A6600 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 #4A6600 looks like.

```
.text, #text, p{  
    color:#4A6600  
}
```

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 #4A6600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A6600
}
```

## Border

The CSS property to change the border of an element to Hex 4A6600 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
#4A6600 }
```

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

```
.border{ border-color:#4A6600 }
```

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

Here you see how a box with a 4 pixel #4A6600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A6600; -webkit-box-shadow:4px 4px  
4px 4px #4A6600; box-shadow:4px 4px 4px  
4px #4A6600 }
```

# Background

The CSS property to change the background color of an element to Hex 4A6600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A6600 }
```

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

```
.background{ background-color:#4A6600 }
```

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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