

# Converting Colors

Hex(376423)

Have a look what the booklet for  
Hex(376423) contains.

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**Color**

**Hex(376423)**

# Conversions

## Conversions Part 1

Format	Color
Hex	376423
RGB	55, 100, 35
RGB Percent	22%, 39%, 14%
CMY	0.7843, 0.6078, 0.8627
CMYK	0.45, 0.00, 0.65, 0.61
HSL	102°, 48%, 26%
HSV	102°, 65%, 39%
XYZ	6.4361, 10.0479, 3.1903
YIQ	79.1350, -5.9550, -29.7550

# Conversions

## Conversions Part 2

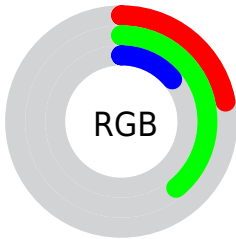
<b>Format</b>	<b>Color</b>
<b>RYB</b>	35, 100, 80
Decimal	3630115
CIELab	37.93, -28.65, 31.32
CIElCh	38, 42.450, 132.451
Yxy	10.0479, 0.3271, 0.5107
Android (android.graphics.Color)	4281820195 (0xFF376423)
YUV	79.1350, -21.7586, -21.1664
Hunter-Lab	31.6984, -19.2294, 16.2216

# Details

The Hex color **376423** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **502364**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **6A9752**, and **053400** is the 20% darker color. If you saturate the color by 10%, you get **306419**, and if you desaturate by 10%, it is **3E642D**.

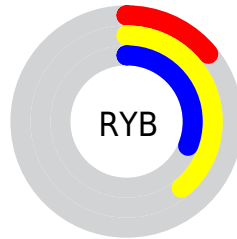
# Distribution



Red (22%)

Green (39%)

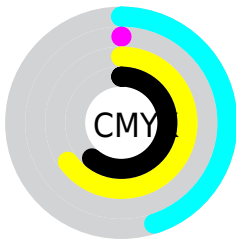
Blue (14%)



Red (14%)

Yellow (39%)

Blue (31%)

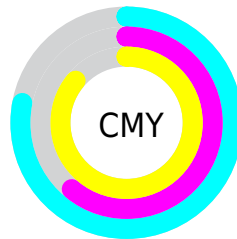


Cyan (45%)

Magenta (0%)

Yellow (65%)

Black (61%)



Cyan (78%)

Magenta (61%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 376423 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 376423 by changing the saturation by 10% instead.



 376423

 376423

FFFFFF

 1E4C0B

 6A9752

 053400

 84B26B

 002100

 9FCE85

 000000

 BAEAA0

 D6FFBB

 F3FFD7

 FFFFF3

 376423

 376423

■ 306419

■ 3E642D

■ 29640F

■ 456437

■ 226405

■ 4C6441

■ 1F6400

■ 53644B

■ 5A6455

■ 61645F

■ 676469

■ 6E6473

■ 75647D

# Harmonies

## Analogous

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



5D5C0D



376423



006843

# Triad

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



376423



00639B



98394C

# Complementary

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



376423



502364

# 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.



8D3C6F



376423



2F589D

# Square

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



376423



006887



6D4A8C



90422C

# Rectangle

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



376423



006A5B



6D4A8C



963858



# Sweetspot

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



376423



708268



644F23



374232



C2C2C2



424242



# Same Dimension

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



376423



3C821D



23642F



2F332E



237300



4BF200



# Inverse Universe

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



502364



631D82



642358



312E33



4F0073

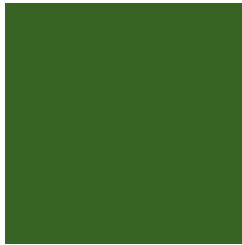


A800F2



# Previews

## White Background



This preview shows how the Hex color 376423 looks on a white background.

## Color Contrast Check

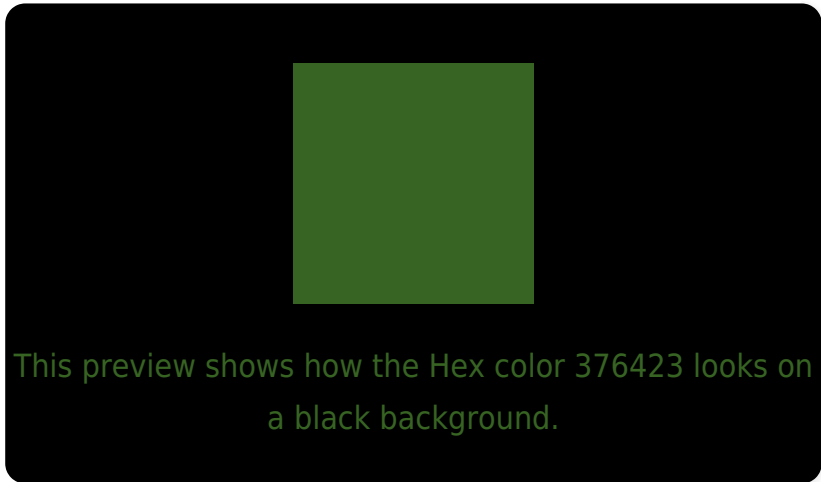
Large Text (above 18pt) WCAG AA ✓ Pass

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

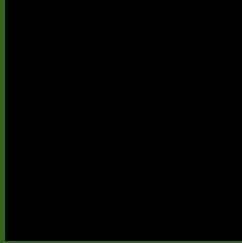
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 376423 Background



This preview shows how black text looks on a background with the Hex color 376423.



This preview shows how white text looks on a background with the Hex color 376423.

# 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**


376423

**Protanopia**

635920

**Deuteranopia**

6E5528



**Tritanopia**  
425E65

# Trichromacy



**Original Color**  
376423

**Protanomaly**  
535D21

**Deuteranomaly**  
5A5A26

**Tritanomaly**  
3E604D

# Monochromacy



**Original Color**  
376423

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
46573F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 376423 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 #376423 looks like.

```
.text, #text, p{  
    color:#376423  
}
```

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 #376423 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #376423
}
```

## Border

The CSS property to change the border of an element to Hex 376423 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
#376423 }
```

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

```
.border{ border-color:#376423 }
```

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

Here you see how a box with a 4 pixel #376423 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #376423; -webkit-box-shadow:4px 4px  
4px 4px #376423; box-shadow:4px 4px 4px  
4px #376423 }
```

# Background

The CSS property to change the background color of an element to Hex 376423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#376423 }
```

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

```
.background{ background-color:#376423 }
```

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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