

Converting Colors

Hex(376035)

Have a look what the booklet for
Hex(376035) contains.

Hex(376035)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(376035)

Conversions

Conversions Part 1

Format	Color
Hex	376035
RGB	55, 96, 53
RGB Percent	22%, 38%, 21%
CMY	0.7843, 0.6235, 0.7922
CMYK	0.43, 0.00, 0.45, 0.62
HSL	117°, 29%, 29%
HSV	117°, 45%, 38%
XYZ	6.4010, 9.4350, 4.8519
YIQ	78.8390, -10.6330, -22.0650

Conversions

Conversions Part 2

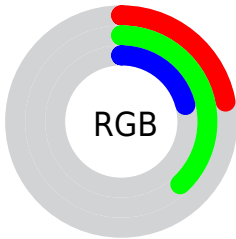
Format	Color
RYB	53, 96, 94
Decimal	3629109
CIELab	36.81, -24.20, 20.14
CIElCh	37, 31.485, 140.224
Yxy	9.4350, 0.3094, 0.4561
Android (android.graphics.Color)	4281819189 (0xFF376035)
YUV	78.8390, -12.7386, -20.9068
Hunter-Lab	30.7165, -16.5561, 12.1362

Details

The Hex color **376035** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5E3560**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **689364**, and **063109** is the 20% darker color. If you saturate the color by 10%, you get **2E602B**, and if you desaturate by 10%, it is **40603F**.

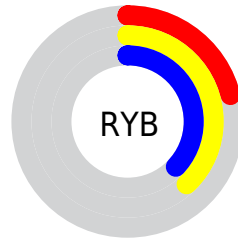
Distribution



Red (22%)

Green (38%)

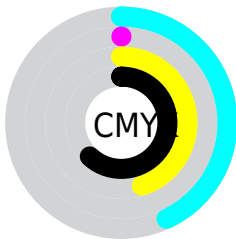
Blue (21%)



Red (21%)

Yellow (38%)

Blue (37%)

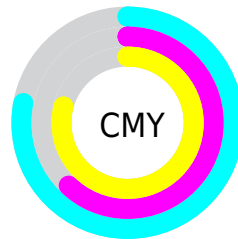


Cyan (43%)

Magenta (0%)

Yellow (45%)

Black (62%)



Cyan (78%)

Magenta (62%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 376035 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 376035 by changing the saturation by 10% instead.

 376035

 376035

FFFFFF

 1F481F

 689364

 063109

 82AE7D

 001E00

 9DC997

 000000

 B8E5B2

 D4FFCE

 F0FFEA

 376035

 376035

 2E602B

 40603F

■ 256022

■ 496048

■ 1C6018

■ 526052

■ 12600F

■ 5C605B

■ 096005

■ 656065

■ 046000

■ 6E606F

■ 776078

■ 806082

■ 89608B

Harmonies

Analogous

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



555A25



376035



00634D

Triad

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



376035



075C88



864246

Complementary

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



376035



5E3560

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.



814260



376035



4B5386

Square

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



376035



00617D



6E4977



7E4931

Rectangle

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



376035



00635F



6E4977



86414F

Sweetspot

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



376035



6D7D6D



605E35



364036



BFBFBF



404040

Same Dimension

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



376035



3D7D39



356048



2C302C



057000



0BF000

Inverse Universe

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



5E3560



7A397D



60354D



302C30



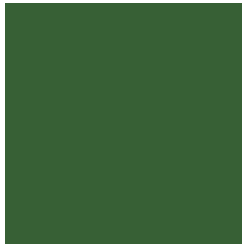
6B0070



E500F0

Previews

White Background



This preview shows how the Hex color 376035 looks on a white background.

Color Contrast Check

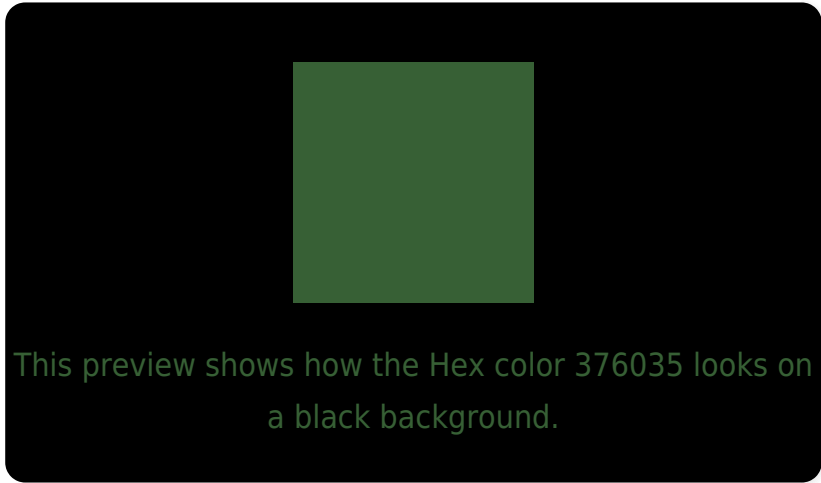
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

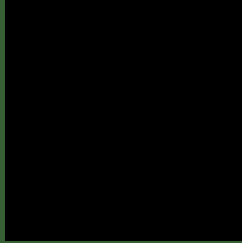
Any Text WCAG AA × Fail

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 376035 Background



This preview shows how black text looks on a background with the Hex color 376035.



This preview shows how white text looks on a background with the Hex color 376035.

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
376035

Protanopia
5F5631

Deuteranopia
685238



Tritanopia
405B62

Trichromacy



Original Color
376035

Protanomaly
505A32

Deuteranomaly
565737

Tritanomaly
3D5D52

Monochromacy



Original Color
376035

Achromatopsia
4F4F4F

Achromatomaly
465546

CSS Examples

Text

The CSS property to change the color of the text to Hex 376035 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 #376035 looks like.

```
.text, #text, p{  
    color:#376035  
}
```

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 #376035 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #376035
}
```

Border

The CSS property to change the border of an element to Hex 376035 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
#376035 }
```

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

```
.border{ border-color:#376035 }
```

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

Here you see how a box with a 4 pixel #376035 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #376035; -webkit-box-shadow:4px 4px  
4px 4px #376035; box-shadow:4px 4px 4px  
4px #376035 }
```

Background

The CSS property to change the background color of an element to Hex 376035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#376035 }
```

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

```
.background{ background-color:#376035 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor