

# Converting Colors

Hex(375610)

Have a look what the booklet for  
Hex(375610) contains.

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# Color

**Hex(375610)**

# Conversions

## Conversions Part 1

Format	Color
Hex	375610
RGB	55, 86, 16
RGB Percent	22%, 34%, 6%
CMY	0.7843, 0.6627, 0.9373
CMYK	0.36, 0.00, 0.81, 0.66
HSL	87°, 69%, 20%
HSV	87°, 81%, 34%
XYZ	4.9969, 7.5052, 1.6755
YIQ	68.7510, 3.9940, -28.3420

# Conversions

## Conversions Part 2

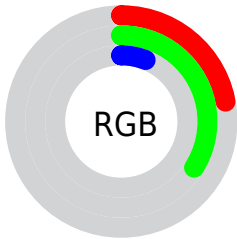
Format	Color
<a href="#">RYB</a>	<a href="#">16, 86, 47</a>
Decimal	<a href="#">3626512</a>
CIELab	<a href="#">32.93, -23.60, 34.62</a>
CIElCh	<a href="#">33, 41.896, 124.283</a>
Yxy	<a href="#">7.5052, 0.3524, 0.5294</a>
Android (android.graphics.Color)	<a href="#">4281816592 (0xFF375610)</a>
YUV	<a href="#">68.7510, -26.0062, -12.0596</a>
Hunter-Lab	<a href="#">27.3956, -15.3846, 15.5508</a>

# Details

The Hex color **375610** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **2F1056**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **698840**, and **052800** is the 20% darker color. If you saturate the color by 10%, you get **335607**, and if you desaturate by 10%, it is **3B5619**.

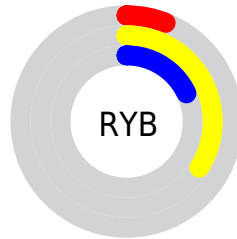
# Distribution



Red (22%)

Green (34%)

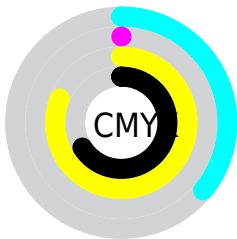
Blue (6%)



Red (6%)

Yellow (34%)

Blue (18%)

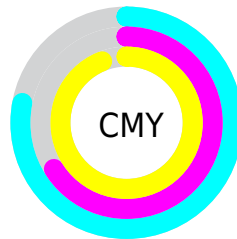


Cyan (36%)

Magenta (0%)

Yellow (81%)

Black (66%)



Cyan (78%)

Magenta (66%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 375610 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 375610 by changing the saturation by 10% instead.



 375610

 375610

 FFFFFB

 1F3F00

 698840

 052800

 83A259

 001200

 9EBD72

 000000

 B9D98C

 D5F6A7

 F2FFC2

 FFFFDF

 375610

 375610

■ 335607

■ 3B5619

■ 305600

■ 3F5621

■ 42562A

■ 465632

■ 4A563B

■ 4E5644

■ 52564C

■ 555655

■ 59565D

# Harmonies

## Analogous

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



594D00



375610



005B2F

# Triad

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



375610



005889



882C4A

# Complementary

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



375610



2F1056

# 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.



79336B



375610



005090

# Square

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



375610



005C72



544284



85332A

# Rectangle

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



375610



005C46



544284



852D55



# Sweetspot

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



375610



647055



562E10



313828



B8B8B8



383838



# Same Dimension

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



375610



407002



155610



292B27



3C6B00



83EB00



# Inverse Universe

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



2F1056



330270



511056



29272B



2F006B

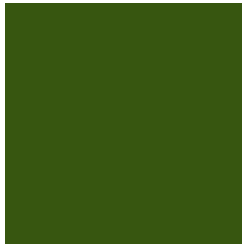


6800EB



# Previews

## White Background



This preview shows how the Hex color 375610 looks on a white background.

## Color Contrast Check

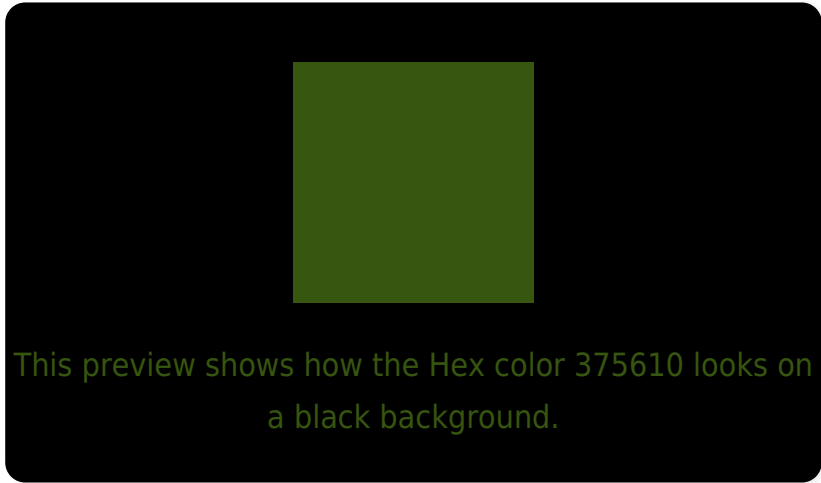
Large Text (above 18pt) WCAG AA ✓ Pass

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

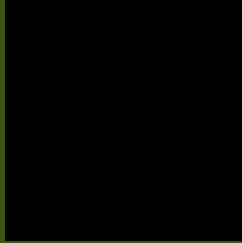
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 375610 Background



This preview shows how black text looks on a background with the Hex color 375610.



This preview shows how white text looks on a background with the Hex color 375610.

# 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](#).

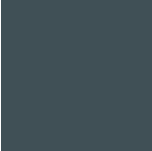
## Dichromacy



**Original Color**  
375610

**Protanopia**  
574E0E

**Deuteranopia**  
614917



**Tritanopia**  
405056

# Trichromacy



**Original Color**  
375610

**Protanomaly**  
4B510F

**Deuteranomaly**  
524E14

**Tritanomaly**  
3D523D

# Monochromacy



**Original Color**  
375610

**Achromatopsia**  
454545

**Achromatomaly**  
404B32

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 375610 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 #375610 looks like.

```
.text, #text, p{  
    color:#375610  
}
```

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 #375610 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #375610
}
```

## Border

The CSS property to change the border of an element to Hex 375610 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
#375610 }
```

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

```
.border{ border-color:#375610 }
```

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

Here you see how a box with a 4 pixel #375610 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #375610; -webkit-box-shadow:4px 4px  
4px 4px #375610; box-shadow:4px 4px 4px  
4px #375610 }
```

# Background

The CSS property to change the background color of an element to Hex 375610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#375610 }
```

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

```
.background{ background-color:#375610 }
```

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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