

# Converting Colors

Hex(374D05)

Have a look what the booklet for  
Hex(374D05) contains.

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**Color**

**Hex(374D05)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	374D05
RGB	55, 77, 5
RGB Percent	22%, 30%, 2%
CMY	0.7843, 0.6980, 0.9804
CMYK	0.29, 0.00, 0.94, 0.70
HSL	78°, 88%, 16%
HSV	78°, 94%, 30%
XYZ	4.2568, 6.1309, 1.1026
YIQ	62.2140, 10.0000, -27.0560

# Conversions

## Conversions Part 2

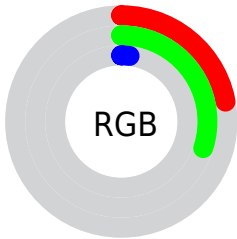
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 77, 27
Decimal	3624197
CIELab	29.74, -19.59, 35.59
CIELCh	30, 40.630, 118.833
Yxy	6.1309, 0.3705, 0.5336
Android (android.graphics.Color)	4281814277 (0xFF374D05)
YUV	62.2140, -28.2065, -6.3267
Hunter-Lab	24.7607, -12.6439, 14.6923

# Details

The Hex color **374D05** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1B054D**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **697E37**, and **032100** is the 20% darker color. If you saturate the color by 10%, you get **354D00**, and if you desaturate by 10%, it is **394D0D**.

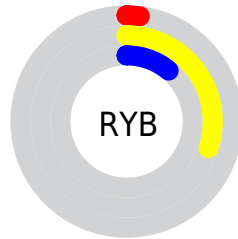
# Distribution



Red (22%)

Green (30%)

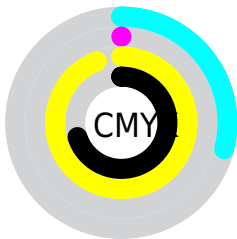
Blue (2%)



Red (2%)

Yellow (30%)

Blue (11%)

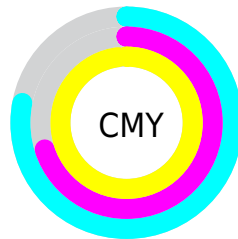


Cyan (29%)

Magenta (0%)

Yellow (94%)

Black (70%)



Cyan (78%)

Magenta (70%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 374D05 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 374D05 by changing the saturation by 10% instead.



 374D05

 374D05

 FFFFF0

 213600

 697E37

 032100

 83984F

 000000

 9EB368

 B9CE82

 D5EB9D

 F2FFB8

 FFFFD4

 374D05

 374D05

■ 354D00

■ 394D0D

■ 3C4D14

■ 3E4D1C

■ 404D24

■ 434D2B

■ 454D33

■ 474D3B

■ 4A4D43

■ 4C4D4A

# Harmonies

## Analogous

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



564400



374D05



005223

# Triad

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



374D05



00517C



7C2549

# Complementary

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



374D05



1B054D

# 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.



6A2F67



374D05



004A85

# Square

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



374D05



005464



423E7E



7C2A2A

# Rectangle

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



374D05



005439



423E7E



792753



# Sweetspot

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



374D05



5B6348



4D1B05



2E3322



B3B3B3



333333



# Same Dimension

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



374D05



456300



134D05



252622



476600



9FE600



# Inverse Universe

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



1B054D



1E0063



3F054D



242226



1F0066



4600E6



# Previews

## White Background



This preview shows how the Hex color 374D05 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

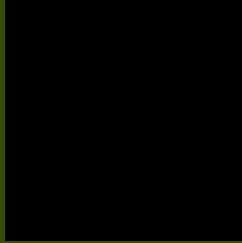
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 374D05 Background



This preview shows how black text looks on a background with the Hex color 374D05.



This preview shows how white text looks on a background with the Hex color 374D05.

# 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](#).

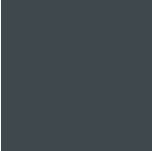
## Dichromacy



**Original Color**  
374D05

**Protanopia**  
4F4600

**Deuteranopia**  
58420F



**Tritanopia**  
3E484D

# Trichromacy



**Original Color**  
374D05

**Protanomaly**  
464902

**Deuteranomaly**  
4C460B

**Tritanomaly**  
3B4A33

# Monochromacy



**Original Color**  
374D05

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
3B4329

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 374D05 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 #374D05 looks like.

```
.text, #text, p{  
    color:#374D05  
}
```

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 #374D05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #374D05
}
```

## Border

The CSS property to change the border of an element to Hex 374D05 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".

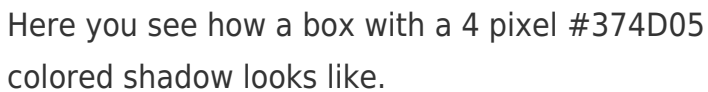
```
.border, #border, table{ border:4px solid
#374D05 }
```

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

```
.border{ border-color:#374D05 }
```

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

Here you see how a box with a 4 pixel #374D05 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #374D05; -webkit-box-shadow:4px 4px  
4px 4px #374D05; box-shadow:4px 4px 4px  
4px #374D05 }
```

# Background

The CSS property to change the background color of an element to Hex 374D05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#374D05 }
```

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

```
.background{ background-color:#374D05 }
```

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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