

Converting Colors

Hex(370034)

Have a look what the booklet for
Hex(370034) contains.

Hex(370034)	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(370034)

Conversions

Conversions Part 1

Format	Color
Hex	370034
RGB	55, 0, 52
RGB Percent	22%, 0%, 20%
CMY	0.7843, 1.0000, 0.7961
CMYK	0.00, 1.00, 0.05, 0.78
HSL	303°, 100%, 11%
HSV	303°, 100%, 22%
XYZ	2.1954, 1.0602, 3.3377
YIQ	22.3730, 16.0880, 27.8320

Conversions

Conversions Part 2

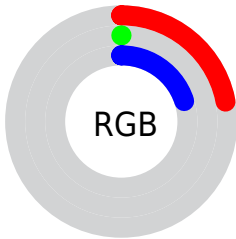
Format	Color
R_{YB}	55, 0, 52
Decimal	3604532
CIE _{Lab}	9.48, 32.55, -18.66
CIE _{LCh}	9, 37.522, 330.183
Yxy	1.0602, 0.3330, 0.1608
Android (android.graphics.Color)	4281794612 (0xFF370034)
YUV	22.3730, 14.6061, 28.6139
Hunter-Lab	10.2964, 20.0408, -12.0123

Details

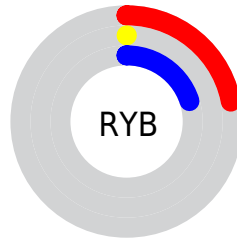
The Hex color **370034** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **003703**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **683163**, and **000001** is the 20% darker color. If you saturate the color by 10%, you get **370034**, and if you desaturate by 10%, it is **370534**.

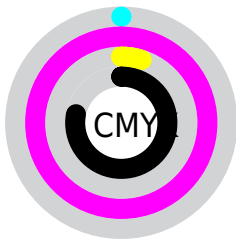
Distribution



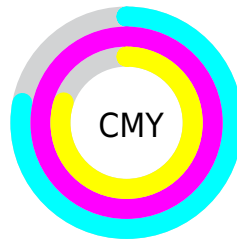
- Red (22%)
- Green (0%)
- Blue (20%)



- Red (22%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (5%)
- Black (78%)



- Cyan (78%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 370034 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 370034 by changing the saturation by 10% instead.

 370034

 370034

 FFE8FF

 24001F

 683163

 000001

 82497C

 000000

 9D6196

 B97BB1

 D595CC

 F1B0E8

 FFCCFF

 370034

■ 370534

■ 370B35

■ 371135

■ 371635

■ 371C36

■ 372136

■ 372736

■ 372C36

■ 373237

Harmonies

Analogous

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



121347



370034



43001C

Triad

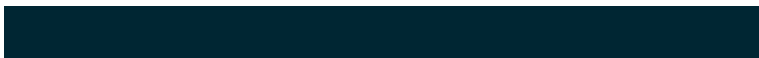
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



370034



221A00



002633

Complementary

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



370034



003703

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.



00261A



370034



042000

Square

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



370034



350E00



002400



002347

Rectangle

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



370034



440005



002400



00262B

Sweetspot

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



370034



473246



030037



241723



A3A3A3



242424

Same Dimension

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



370034



470044



370019



1C191C



5C0057



DB00CF

Inverse Universe

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



370034



470044



00371E



1C191C



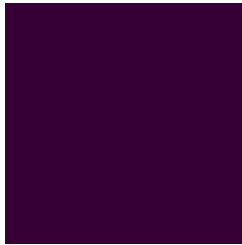
5C0057



DB00CF

Previews

White Background



This preview shows how the Hex color 370034 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

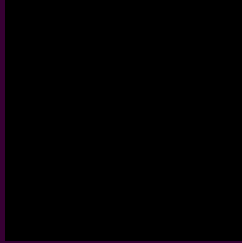
Any Text WCAG AA × Fail

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 370034 Background



This preview shows how black text looks on a background with the Hex color 370034.



This preview shows how white text looks on a background with the Hex color 370034.

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
370034

Protanopia
001E40

Deuteranopia
161F31



Tritanopia
341416

Trichromacy



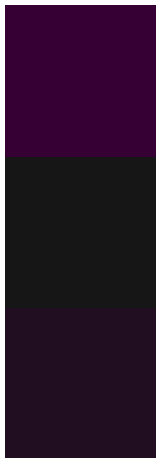
Original Color
370034

Protanomaly
14133C

Deuteranomaly
221432

Tritanomaly
350D21

Monochromacy



Original Color
370034

Achromatopsia
161616

Achromatomaly
220E21

CSS Examples

Text

The CSS property to change the color of the text to Hex 370034 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 #370034 looks like.

```
.text, #text, p{  
    color:#370034  
}
```

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 #370034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #370034
}
```

Border

The CSS property to change the border of an element to Hex 370034 is called "border". The border property can be set on classes, ids or directly on the HTML element.

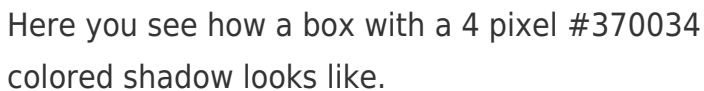
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#370034 }
```

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

```
.border{ border-color:#370034 }
```

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



Here you see how a box with a 4 pixel #370034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #370034; -webkit-box-shadow:4px 4px  
4px 4px #370034; box-shadow:4px 4px 4px  
4px #370034 }
```

Background

The CSS property to change the background color of an element to Hex 370034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#370034 }
```

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

```
.background{ background-color:#370034 }
```

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