

Converting Colors

Hex(347030)

Have a look what the booklet for
Hex(347030) contains.

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Color

Hex(347030)

Conversions

Conversions Part 1

Format	Color
Hex	347030
RGB	52, 112, 48
RGB Percent	20%, 44%, 19%
CMY	0.7961, 0.5608, 0.8118
CMYK	0.54, 0.00, 0.57, 0.56
HSL	116°, 40%, 31%
HSV	116°, 57%, 44%
XYZ	7.7438, 12.5318, 4.8070
YIQ	86.7640, -15.2160, -32.6240

Conversions

Conversions Part 2

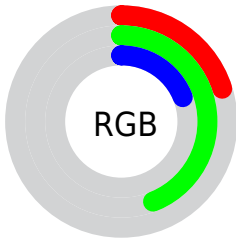
Format	Color
R_{YB}	48, 112, 108
Decimal	3436592
CIE _{Lab}	42.05, -33.45, 29.40
CIE _{LCh}	42, 44.535, 138.691
Yxy	12.5318, 0.3087, 0.4996
Android (android.graphics.Color)	4281626672 (0xFF347030)
YUV	86.7640, -19.1107, -30.4880
Hunter-Lab	35.4003, -22.9035, 16.7292

Details

The Hex color **347030** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6C3070**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **68A460**, and **003F00** is the 20% darker color. If you saturate the color by 10%, you get **2A7025**, and if you desaturate by 10%, it is **3F703B**.

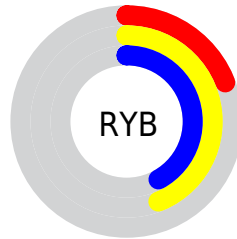
Distribution



Red (20%)

Green (44%)

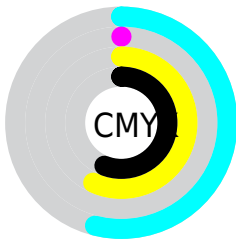
Blue (19%)



Red (19%)

Yellow (44%)

Blue (42%)

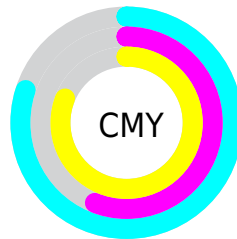


Cyan (54%)

Magenta (0%)

Yellow (57%)

Black (56%)



Cyan (80%)

Magenta (56%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 347030 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 347030 by changing the saturation by 10% instead.

 347030

 347030

FFFFFF

 195719

 68A460

 003F00

 82C079

 002900

 9DDC93

 000E00

 B9F8AE

 000000

 D5FFCA

 F2FFE6

 347030

 347030

 2A7025

 3F703B

■ 1F701A

■ 497046

■ 15700E

■ 547052

■ 0A7003

■ 5E705D

■ 077000

■ 697068

■ 737073

■ 7E707E

■ 88708A

■ 937095

Harmonies

Analogous

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



606816



347030



007454

Triad

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



347030



006BAB



A6424E

Complementary

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



347030



6C3070

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.



9F4373



347030



4A5FA9

Square

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



347030



00729A



824F94



9B4E2D

Rectangle

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



347030



00756D



824F94



A6405A

Sweetspot

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



347030



7A9179



706C30



3C4A3B



C9C9C9



4A4A4A

Same Dimension

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



347030



33912D



30704C



333832



077800



0FF700

Inverse Universe

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



6C3070



8B2D91



703054



383238



700078



E800F7

Previews

White Background



This preview shows how the Hex color 347030 looks on a white background.

Color Contrast Check

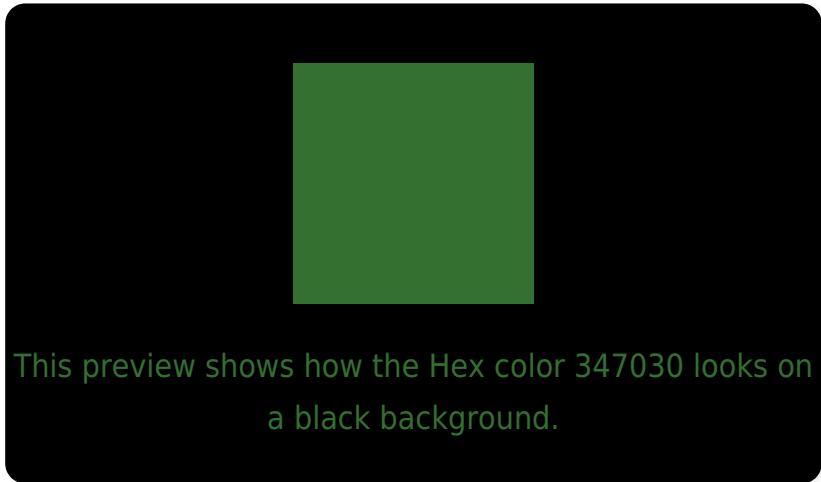
Large Text (above 18pt) WCAG AA ✓ Pass

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

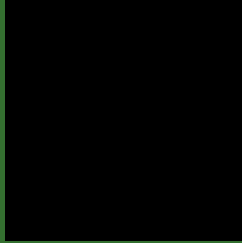
Any Text WCAG AA × Fail

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 347030 Background



This preview shows how black text looks on a background with the Hex color 347030.



This preview shows how white text looks on a background with the Hex color 347030.

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
347030

Protanopia
6E632C

Deuteranopia
795E35



Tritanopia
426972

Trichromacy



Original Color
347030

Protanomaly
59682D

Deuteranomaly
606533

Tritanomaly
3D6C5A

Monochromacy



Original Color
347030

Achromatopsia
575757

Achromatomaly
4A6049

CSS Examples

Text

The CSS property to change the color of the text to Hex 347030 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 #347030 looks like.

```
.text, #text, p{  
    color:#347030  
}
```

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 #347030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #347030
}
```

Border

The CSS property to change the border of an element to Hex 347030 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
#347030 }
```

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

```
.border{ border-color:#347030 }
```

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

Here you see how a box with a 4 pixel #347030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #347030; -webkit-box-shadow:4px 4px  
4px 4px #347030; box-shadow:4px 4px 4px  
4px #347030 }
```

Background

The CSS property to change the background color of an element to Hex 347030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#347030 }
```

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

```
.background{ background-color:#347030 }
```

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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