

Converting Colors

Hex(37B034)

Have a look what the booklet for
Hex(37B034) contains.

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Color

Hex(37B034)

Conversions

Conversions Part 1

Format	Color
Hex	37B034
RGB	55, 176, 52
RGB Percent	22%, 69%, 20%
CMY	0.7843, 0.3098, 0.7961
CMYK	0.69, 0.00, 0.70, 0.31
HSL	119°, 54%, 45%
HSV	119°, 70%, 69%
XYZ	17.7207, 32.1108, 8.5128
YIQ	125.6850, -32.3120, -64.2160

Conversions

Conversions Part 2

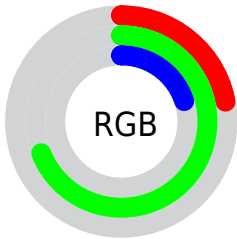
Format	Color
RYB	52, 176, 173
Decimal	3649588
CIELab	63.43, -56.75, 51.44
CIELCh	63, 76.591, 137.812
Yxy	32.1108, 0.3037, 0.5504
Android (android.graphics.Color)	4281839668 (0xFF37B034)
YUV	125.6850, -36.3267, -61.9907
Hunter-Lab	56.6664, -43.3457, 30.7595

Details

The Hex color **37B034** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AD34B0**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **76E969**, and **007A00** is the 20% darker color. If you saturate the color by 10%, you get **26B022**, and if you desaturate by 10%, it is **48B046**.

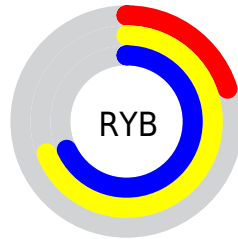
Distribution



Red (22%)

Green (69%)

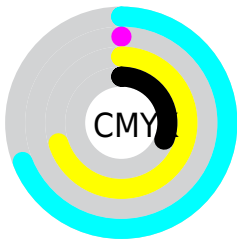
Blue (20%)



Red (20%)

Yellow (69%)

Blue (68%)

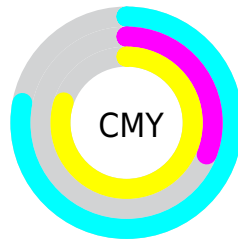


Cyan (69%)

Magenta (0%)

Yellow (70%)

Black (31%)



Cyan (78%)

Magenta (31%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37B034 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 37B034 by changing the saturation by 10% instead.



37B034



37B034

FFFFFF



019516



76E969



007A00



94FF84



006000



B1FF9F



004700



CFFFBB



003100



EDFFD8



001400



FFFFF5



000000



37B034



37B034



26B022



48B046

 15B011

 59B057

 04B000

 6BB069

 7CB07A

 8DB08C

 9EB09E

 AFB0AF

 C0B0C1

 D2B0D2

Harmonies

Analogous

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



92A300



37B034



00B77A

Triad

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



37B034



00AAFF



FF5174

Complementary

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



37B034



AD34B0

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.



FF53B8



37B034



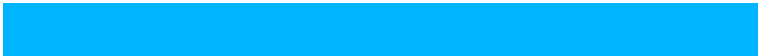
5293FF

Square

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



37B034



00B5FE



CE73F6



FC6E34

Rectangle

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



37B034



00B8AA



CE73F6



FF4D8B

Sweetspot

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



37B034



B6E6B5



B0AC34



577356



F2F2F2



737373

Same Dimension

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



37B034



27E622



34B06E



515950



049900



011A00

Inverse Universe

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



AD34B0



E122E6



B03476



595059



950099



19001A

Previews

White Background



This preview shows how the Hex color 37B034 looks on a white background.

Color Contrast Check

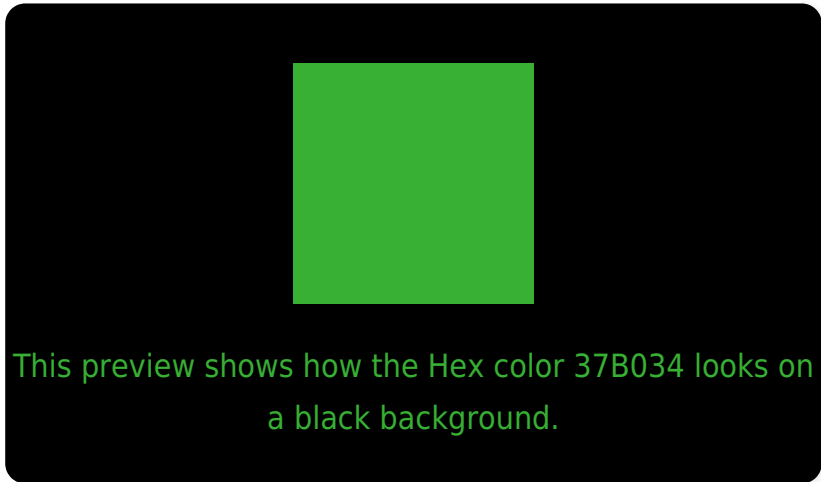
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

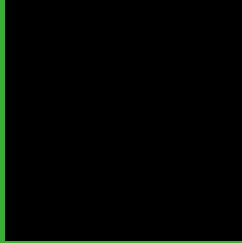
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 37B034 Background



This preview shows how black text looks on a background with the Hex color 37B034.

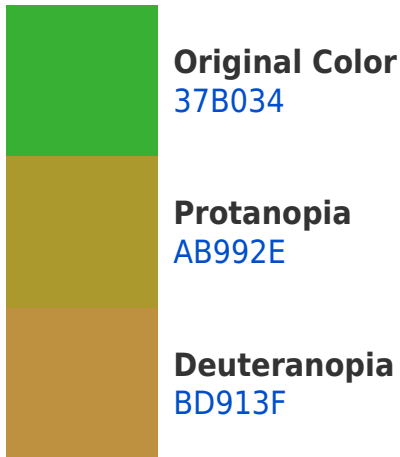


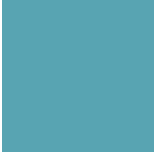
This preview shows how white text looks on a background with the Hex color 37B034.

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





Tritanopia
58A4B2

Trichromacy



Original Color
37B034



Protanomaly
81A130



Deuteranomaly
8C9C3B



Tritanomaly
4CA884

Monochromacy



Original Color
37B034



Achromatopsia
7E7E7E



Achromatomaly
649063

CSS Examples

Text

The CSS property to change the color of the text to Hex 37B034 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 #37B034 looks like.

```
.text, #text, p{  
    color:#37B034  
}
```

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 #37B034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37B034
}
```

Border

The CSS property to change the border of an element to Hex 37B034 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
#37B034 }
```

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

```
.border{ border-color:#37B034 }
```

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

Here you see how a box with a 4 pixel #37B034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37B034; -webkit-box-shadow:4px 4px  
4px 4px #37B034; box-shadow:4px 4px 4px  
4px #37B034 }
```

Background

The CSS property to change the background color of an element to Hex 37B034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37B034 }
```

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

```
.background{ background-color:#37B034 }
```

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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