

Converting Colors

Hex(37AB00)

Have a look what the booklet for
Hex(37AB00) contains.

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Color

Hex(37AB00)

Conversions

Conversions Part 1

Format	Color
Hex	37AB00
RGB	55, 171, 0
RGB Percent	22%, 67%, 0%
CMY	0.7843, 0.3294, 1.0000
CMYK	0.68, 0.00, 1.00, 0.33
HSL	101°, 100%, 34%
HSV	101°, 100%, 67%
XYZ	16.1385, 29.9380, 4.9280
YIQ	116.8220, -14.2450, -77.7730

Conversions

Conversions Part 2

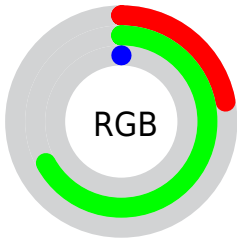
Format	Color
RYB	0, 171, 116
Decimal	3648256
CIELab	61.60, -57.61, 62.52
CIELCh	62, 85.019, 132.662
Yxy	29.9380, 0.3164, 0.5870
Android (android.graphics.Color)	4281838336 (0xFF37AB00)
YUV	116.8220, -57.5932, -54.2179
Hunter-Lab	54.7157, -43.1036, 32.9609

Details

The Hex color **37AB00** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **7400AB**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **77E34A**, and **007500** is the 20% darker color. If you saturate the color by 10%, you get **37AB00**, and if you desaturate by 10%, it is **43AB11**.

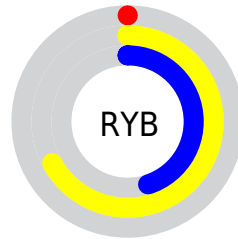
Distribution



Red (22%)

Green (67%)

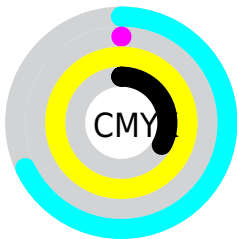
Blue (0%)



Red (0%)

Yellow (67%)

Blue (45%)

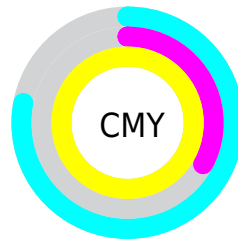


Cyan (68%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (78%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37AB00 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 37AB00 by changing the saturation by 10% instead.

 37AB00

 37AB00

FFFFFF

 009000

 77E34A

 007500

 94FF66

 005C00

 B2FF82

 004300

 D0FF9E

 002C00

 EEFFBA

 000B00

 FFFFD7

 000000

 FFFFF4

 37AB00

 43AB11

 4EAB22

 5AAB33

 65AB44

 71AB55

 7DAB67

 88AB78

 94AB89

 9FAB9A

Harmonies

Analogous

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



979C00



37AB00



00B365

Triad

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



37AB00



00AAFF



FF3478

Complementary

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



37AB00



7400AB

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.



FF43C4



37AB00



0094FF

Square

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



37AB00



00B3FA



BD6FFF



FF5A30

Rectangle

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



37AB00



00B59A



BD6FFF



FF3191

Sweetspot

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



37AB00



B1DE9B



AB7200



557048



F0F0F0



707070

Same Dimension

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



37AB00



47DE00



00AB1C



51574E



309600



071700

Inverse Universe

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



7400AB



9600DE



AB008E



544E57



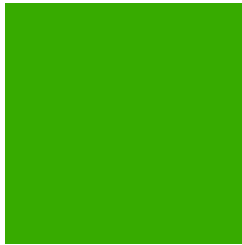
660096



100017

Previews

White Background



This preview shows how the Hex color 37AB00 looks on a white background.

Color Contrast Check

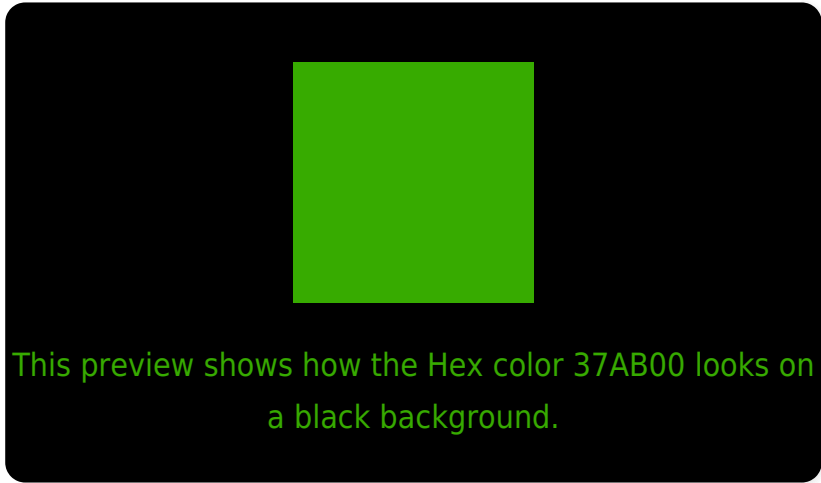
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

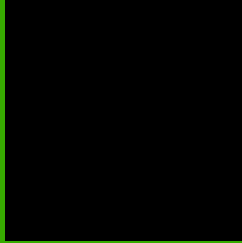
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 37AB00 Background



This preview shows how black text looks on a background with the Hex color 37AB00.

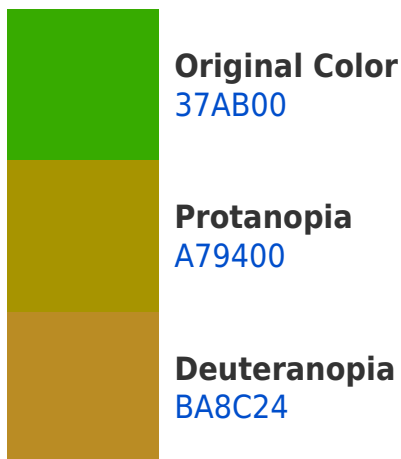


This preview shows how white text looks on a background with the Hex color 37AB00.

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



Trichromacy



Original Color
37AB00



Protanomaly
7E9C00



Deuteranomaly
8A9717



Tritanomaly
4CA36D

Monochromacy



Original Color
37AB00



Achromatopsia
757575



Achromatomaly
5E894A

CSS Examples

Text

The CSS property to change the color of the text to Hex 37AB00 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 #37AB00 looks like.

```
.text, #text, p{  
    color:#37AB00  
}
```

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 #37AB00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37AB00
}
```

Border

The CSS property to change the border of an element to Hex 37AB00 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
#37AB00 }
```

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

```
.border{ border-color:#37AB00 }
```

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

Here you see how a box with a 4 pixel #37AB00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37AB00; -webkit-box-shadow:4px 4px  
4px 4px #37AB00; box-shadow:4px 4px 4px  
4px #37AB00 }
```

Background

The CSS property to change the background color of an element to Hex 37AB00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37AB00 }
```

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

```
.background{ background-color:#37AB00 }
```

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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