

Converting Colors

Hex(36AA00)

Have a look what the booklet for
Hex(36AA00) contains.

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Color

Hex(36AA00)

Conversions

Conversions Part 1

Format	Color
Hex	36AA00
RGB	54, 170, 0
RGB Percent	21%, 67%, 0%
CMY	0.7882, 0.3333, 1.0000
CMYK	0.68, 0.00, 1.00, 0.33
HSL	101°, 100%, 33%
HSV	101°, 100%, 67%
XYZ	15.8960, 29.5337, 4.8628
YIQ	115.9360, -14.5660, -77.4620

Conversions

Conversions Part 2

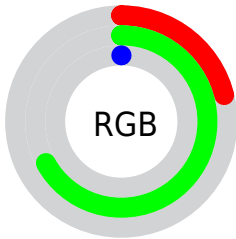
Format	Color
RYB	0, 170, 116
Decimal	3582464
CIELab	61.25, -57.50, 62.23
CIELCh	61, 84.725, 132.735
Yxy	29.5337, 0.3161, 0.5872
Android (android.graphics.Color)	4281772544 (0xFF36AA00)
YUV	115.9360, -57.1564, -54.3179
Hunter-Lab	54.3449, -42.8919, 32.7362

Details

The Hex color **36AA00** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **7400AA**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **76E24A**, and **007400** is the 20% darker color. If you saturate the color by 10%, you get **36AA00**, and if you desaturate by 10%, it is **42AA11**.

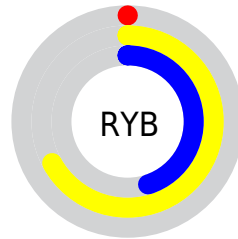
Distribution



Red (21%)

Green (67%)

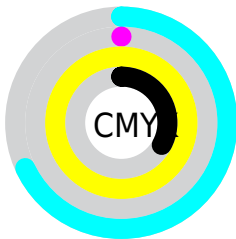
Blue (0%)



Red (0%)

Yellow (67%)

Blue (45%)

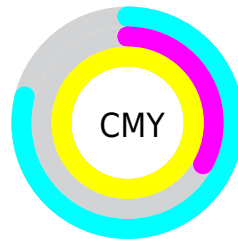


Cyan (68%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (79%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36AA00 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 36AA00 by changing the saturation by 10% instead.

 36AA00

 36AA00


FFFFFF

 008F00

 76E24A

 007400

 94FF66

 005B00

 B1FF82

 004200

 CFFF9D

 002B00

 EDFFB A

 000900

 FFFFD7

 000000

 FFFFF4

 36AA00

 42AA11

 4DAA22

 59AA33

 64AA44

 70AA55

 7CAA66

 87AA77

 93AA88

 9EAA99

Harmonies

Analogous

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



959B00



36AA00



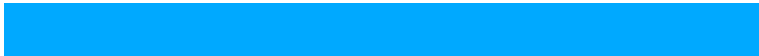
00B264

Triad

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



36AA00



00A9FF



FF3378

Complementary

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



36AA00



7400AA

Split Complementary

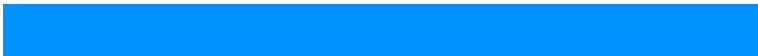
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF42C2



36AA00



0093FF

Square

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



36AA00



00B2F9



BD6FFF



FF5A2F

Rectangle

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



36AA00



00B499



BD6FFF



FF3090

Sweetspot

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



36AA00



B0DE9B



AA7100



557048



F0F0F0



707070

Same Dimension

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



36AA00



46DE00



00AA1C



4E544C



2F9400



061400

Inverse Universe

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



7400AA



9700DE



AA008E



514C54



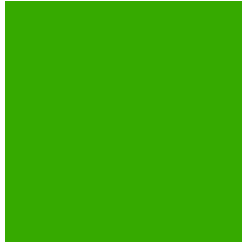
650094



0E0014

Previews

White Background



This preview shows how the Hex color 36AA00 looks on a white background.

Color Contrast Check

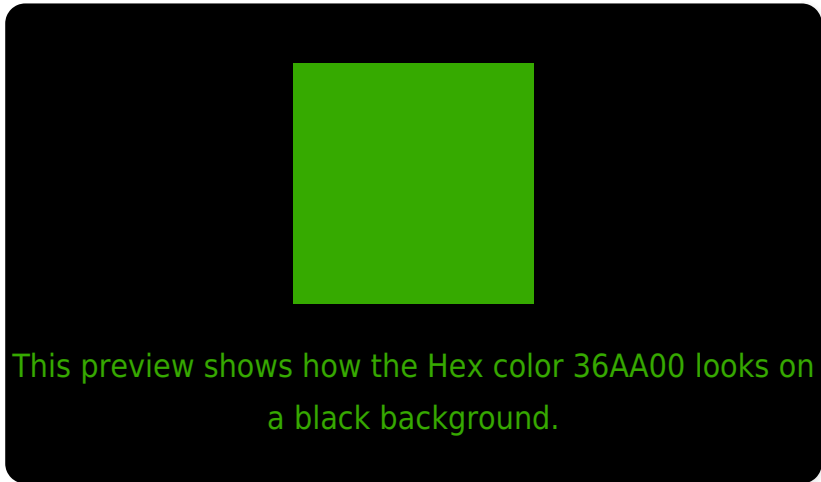
Large Text (above 18pt) WCAG AA ✓ Pass

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

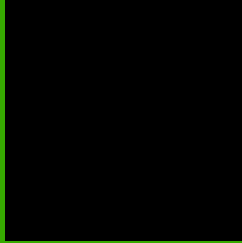
Any Text WCAG AA ✓ Pass

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 36AA00 Background



This preview shows how black text looks on a background with the Hex color 36AA00.



This preview shows how white text looks on a background with the Hex color 36AA00.

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
36AA00

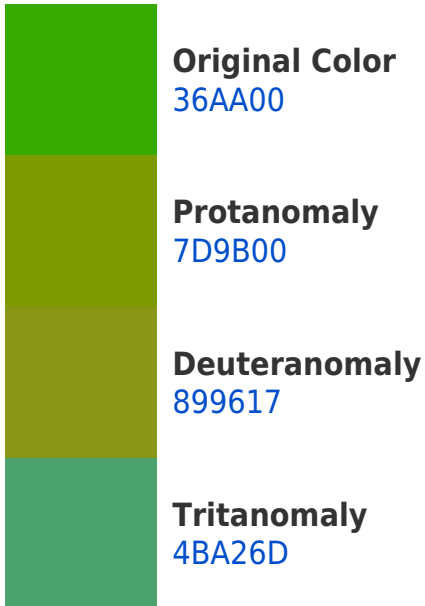
Protanopia
A69300

Deuteranopia
B98B24

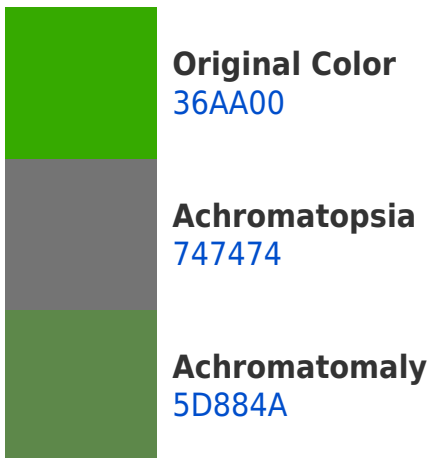


Tritanopia
579EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 36AA00 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 #36AA00 looks like.

```
.text, #text, p{  
    color:#36AA00  
}
```

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 #36AA00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36AA00
}
```

Border

The CSS property to change the border of an element to Hex 36AA00 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
#36AA00 }
```

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

```
.border{ border-color:#36AA00 }
```

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

Here you see how a box with a 4 pixel #36AA00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36AA00; -webkit-box-shadow:4px 4px  
4px 4px #36AA00; box-shadow:4px 4px 4px  
4px #36AA00 }
```

Background

The CSS property to change the background color of an element to Hex 36AA00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36AA00 }
```

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

```
.background{ background-color:#36AA00 }
```

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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