

Converting Colors

Hex(36FC67)

Have a look what the booklet for
Hex(36FC67) contains.

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Color

Hex(36FC67)

Conversions

Conversions Part 1

Format	Color
Hex	36FC67
RGB	54, 252, 103
RGB Percent	21%, 99%, 40%
CMY	0.7882, 0.0118, 0.5961
CMYK	0.79, 0.00, 0.59, 0.01
HSL	135°, 97%, 60%
HSV	135°, 79%, 99%
XYZ	38.7799, 71.3843, 24.5666
YIQ	175.8120, -70.1790, -88.3150

Conversions

Conversions Part 2

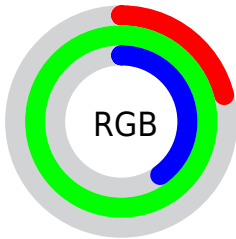
Format	Color
RYB	54, 213, 252
Decimal	3603559
CIELab	87.67, -76.01, 56.99
CIELCh	88, 95.004, 143.141
Yxy	71.3843, 0.2878, 0.5298
Android (android.graphics.Color)	4281793639 (0xFF36FC67)
YUV	175.8120, -35.8963, -106.8291
Hunter-Lab	84.4893, -65.9261, 41.9030

Details

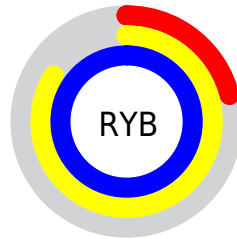
The Hex color **36FC67** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **FC36CB**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **84FF9E**, and **00C22F** is the 20% darker color. If you saturate the color by 10%, you get **1DFC54**, and if you desaturate by 10%, it is **4FFC7A**.

Distribution



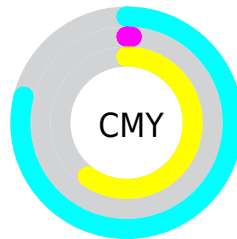
- Red (21%)
- Green (99%)
- Blue (40%)



- Red (21%)
- Yellow (84%)
- Blue (99%)



- Cyan (79%)
- Magenta (0%)
- Yellow (59%)
- Black (1%)



- Cyan (79%)
- Magenta (1%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36FC67 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 36FC67 by changing the saturation by 10% instead.

 36FC67

FFFFFF

 84FF9E

 A5FFBA

 C5FFD7

 E5FFF4

 36FC67

 00DF4C

 00C22F

 00A50A

 008A00

 006F00

 005400

 003C00

 002200

 000000

 36FC67

 36FC67

 1DFC54

 4FFC7A

 04FC41

 68FC8D

 00FC3E

 82FCA0

 9BFCB3

 B4FCC6

 CDFCD9

 E6FCEC

 FFFCFF

Harmonies

Analogous

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



C3EC00



36FC67



00FFC3

Triad

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



36FC67



00EDFF



FF849B

Complementary

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



36FC67



FC36CB

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.



FF7EF5



36FC67



AECDFF

Square

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



36FC67



00FFFF



FFA2FF



FFAA48

Rectangle

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



36FC67



00FFFF



FFA2FF



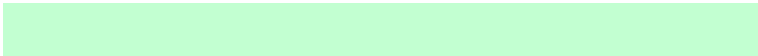
FF7DB8

Sweetspot

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



36FC67



C2FFD1



CEFC36



5B8064



000000



808080

Same Dimension

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



36FC67



0FFF4B



36FCC7



707D74



00BD2F



003D0F

Inverse Universe

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



FC36CB



FF0FC4



FC366B



7D707A



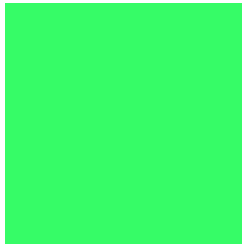
BD008E



3D002E

Previews

White Background



This preview shows how the Hex color 36FC67 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



This preview shows how the Hex color 36FC67 looks on a 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 36FC67 Background



This preview shows how black text looks on a background with the Hex color 36FC67.

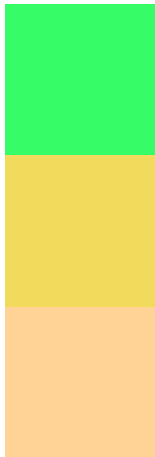


This preview shows how white text looks on a background with the Hex color 36FC67.

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](#).

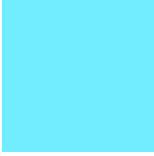
Dichromacy



Original Color
36FC67

Protanopia
F2DA5D

Deuteranopia
FFD296



Tritanopia
72ECFF

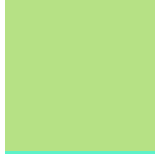
Trichromacy



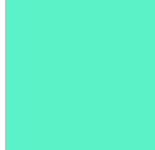
Original Color
36FC67



Protanomaly
AEE661



Deuteranomaly
B6E185



Tritanomaly
5CF2C8

Monochromacy



Original Color
36FC67



Achromatopsia
B0B0B0



Achromatomaly
84CC95

CSS Examples

Text

The CSS property to change the color of the text to Hex 36FC67 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 #36FC67 looks like.

```
.text, #text, p{  
    color:#36FC67  
}
```

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 #36FC67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36FC67
}
```

Border

The CSS property to change the border of an element to Hex 36FC67 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
#36FC67 }
```

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

```
.border{ border-color:#36FC67 }
```

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

Here you see how a box with a 4 pixel #36FC67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36FC67; -webkit-box-shadow:4px 4px  
4px 4px #36FC67; box-shadow:4px 4px 4px  
4px #36FC67 }
```

Background

The CSS property to change the background color of an element to Hex 36FC67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36FC67 }
```

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

```
.background{ background-color:#36FC67 }
```

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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