

Converting Colors

Hex(36FC9D)

Have a look what the booklet for
Hex(36FC9D) contains.

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Color

Hex(36FC9D)

Conversions

Conversions Part 1

Format	Color
Hex	36FC9D
RGB	54, 252, 157
RGB Percent	21%, 99%, 62%
CMY	0.7882, 0.0118, 0.3843
CMYK	0.79, 0.00, 0.38, 0.01
HSL	151°, 97%, 60%
HSV	151°, 79%, 99%
XYZ	42.4175, 72.8394, 43.7221
YIQ	181.9680, -87.5130, -71.5210

Conversions

Conversions Part 2

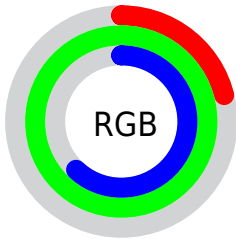
Format	Color
RYB	54, 184, 252
Decimal	3603613
CIELab	88.37, -67.78, 32.40
CIELCh	88, 75.125, 154.452
Yxy	72.8394, 0.2668, 0.4582
Android (android.graphics.Color)	4281793693 (0xFF36FC9D)
YUV	181.9680, -12.3092, -112.2279
Hunter-Lab	85.3460, -60.6398, 29.3684

Details

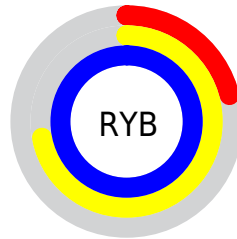
The Hex color **36FC9D** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **FC3695**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **83FFD4**, and **00C269** is the 20% darker color. If you saturate the color by 10%, you get **1DFC91**, and if you desaturate by 10%, it is **4FFCA9**.

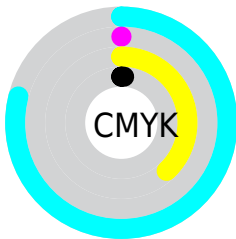
Distribution



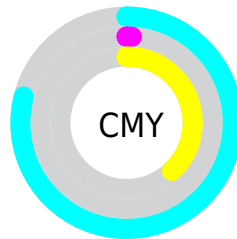
- Red (21%)
- Green (99%)
- Blue (62%)



- Red (21%)
- Yellow (72%)
- Blue (99%)



- Cyan (79%)
- Magenta (0%)
- Yellow (38%)
- Black (1%)



- Cyan (79%)
- Magenta (1%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36FC9D 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 36FC9D by changing the saturation by 10% instead.

 36FC9D

 36FC9D

FFFFFF

 00DF82

 83FFD4

 00C269

 A4FFF1

 00A650

 C4FFFF

 008A37

 E3FFFF

 006F20

 005506

 003D00

 002400

 000000

 36FC9D

 36FC9D

 1DFC91

 4FFCA9

 04FC85

 68FCB5

 00FC83

 82FCC1

 9BFCCD

 B4FCD9

 CDFCE6

 E6FCF2

 FFFCFE

 FFFCFF

Harmonies

Analogous

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



B0F160



36FC9D



00FE7

Triad

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



36FC9D



54E2FF



FFA891

Complementary

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



36FC9D



FC3695

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.



FF9CD6



36FC9D



EFC6FF

Square

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



36FC9D



00F5FF



FFA9FF



FFC35A

Rectangle

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



36FC9D



00FFFF



FFA9FF



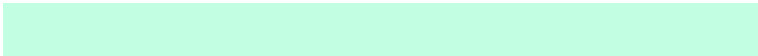
FFA2A7

Sweetspot

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



36FC9D



C2FFE2



96FC36



5B806E



000000



808080

Same Dimension

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



36FC9D



0FFF8C



36F9FC



707D77



00BD62



003D20

Inverse Universe

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



FC3695



FF0F82



FC3936



7D7076



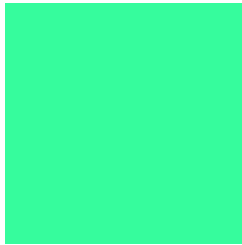
BD005B



3D001D

Previews

White Background



This preview shows how the Hex color 36FC9D 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 36FC9D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

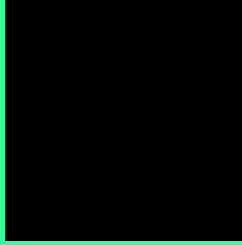
Any Text WCAG AA ✓ Pass

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 36FC9D Background



This preview shows how black text looks on a background with the Hex color 36FC9D.

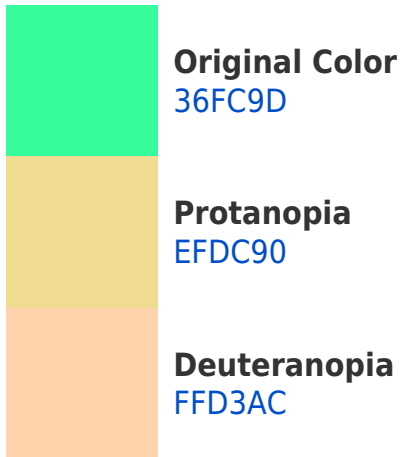


This preview shows how white text looks on a background with the Hex color 36FC9D.

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](#).

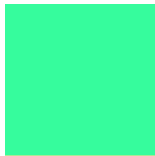
Dichromacy





Tritanopia
7BEEFF

Trichromacy



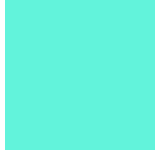
Original Color
36FC9D



Protanomaly
ACE895



Deuteranomaly
B6E2A7



Tritanomaly
62F3DB

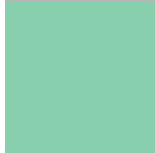
Monochromacy



Original Color
36FC9D



Achromatopsia
B6B6B6



Achromatomaly
87CFAD

CSS Examples

Text

The CSS property to change the color of the text to Hex 36FC9D 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 #36FC9D looks like.

```
.text, #text, p{  
    color:#36FC9D  
}
```

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 #36FC9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36FC9D
}
```

Border

The CSS property to change the border of an element to Hex 36FC9D 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
#36FC9D }
```

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

```
.border{ border-color:#36FC9D }
```

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

Here you see how a box with a 4 pixel #36FC9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36FC9D; -webkit-box-shadow:4px 4px  
4px 4px #36FC9D; box-shadow:4px 4px 4px  
4px #36FC9D }
```

Background

The CSS property to change the background color of an element to Hex 36FC9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36FC9D }
```

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

```
.background{ background-color:#36FC9D }
```

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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