

Converting Colors

Hex(40FF99)

Have a look what the booklet for
Hex(40FF99) contains.

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Color

Hex(40FF99)

Conversions

Conversions Part 1

Format	Color
Hex	40FF99
RGB	64, 255, 153
RGB Percent	25%, 100%, 60%
CMY	0.7490, 0.0000, 0.4000
CMYK	0.75, 0.00, 0.40, 0.00
HSL	148°, 100%, 63%
HSV	148°, 75%, 100%
XYZ	43.6241, 74.9099, 42.2968
YIQ	186.2630, -81.0940, -72.2140

Conversions

Conversions Part 2

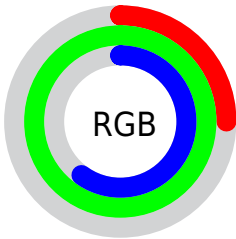
Format	Color
RYB	64, 194, 255
Decimal	4259737
CIELab	89.35, -68.41, 35.71
CIELCh	89, 77.172, 152.437
Yxy	74.9099, 0.2712, 0.4658
Android (android.graphics.Color)	4282449817 (0xFF40FF99)
YUV	186.2630, -16.3987, -107.2247
Hunter-Lab	86.5505, -61.4939, 31.6106

Details

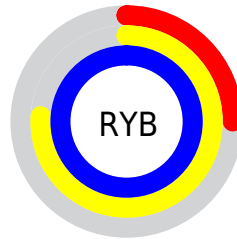
The Hex color **40FF99** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **FF40A6**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **89FFD0**, and **00C565** is the 20% darker color. If you saturate the color by 10%, you get **26FF8B**, and if you desaturate by 10%, it is **5AFFA7**.

Distribution



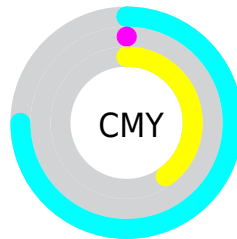
- Red (25%)
- Green (100%)
- Blue (60%)



- Red (25%)
- Yellow (76%)
- Blue (100%)



- Cyan (75%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (75%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40FF99 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 40FF99 by changing the saturation by 10% instead.

 40FF99

 40FF99

FFFFFF

 00E27E

 89FFD0

 00C565

 AAFED

 00A94C

 C9FFF

 008D33

 E9FFF

 00721A

 005800

 003F00

 002600

 000000

 40FF99

 40FF99

 26FF8B

 5AFFA7

 0DFF7E

 73FFB4

 00FF77

 8DFFC2

 A6FFCF

 C0FFDD

 D9FFE8

 F3FFF8

FFFFFF

Harmonies

Analogous

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



B7F35B



40FF99



00FE4

Triad

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



40FF99



31E7FF



FFA896

Complementary

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



40FF99



FF40A6

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.



FF9CDE



40FF99



EACAFF

Square

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



40FF99



00FAFF



FFACFF



FFC35B

Rectangle

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



40FF99



00FFFF



FFACFF



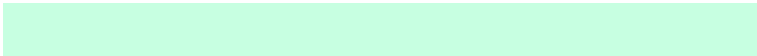
FFA1AD

Sweetspot

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



40FF99



C7FFE1



A9FF40



5E806E



000000



808080

Same Dimension

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



40FF99



19FF84



40FFF5



738079



00BF59



00401E

Inverse Universe

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



FF40A6



FF1994



FF404A



80737A



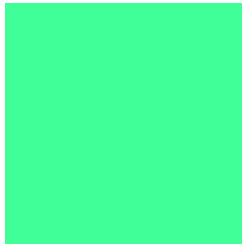
BF0066



400022

Previews

White Background



This preview shows how the Hex color 40FF99 looks on a white background.

Color Contrast Check

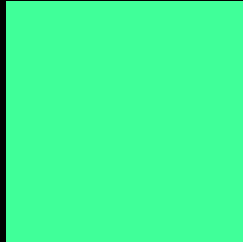
Large Text (above 18pt) WCAG AA × Fail

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 40FF99 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

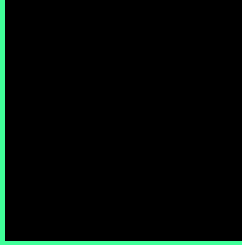
Any Text WCAG AA ✓ Pass

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 40FF99 Background



This preview shows how black text looks on a background with the Hex color 40FF99.

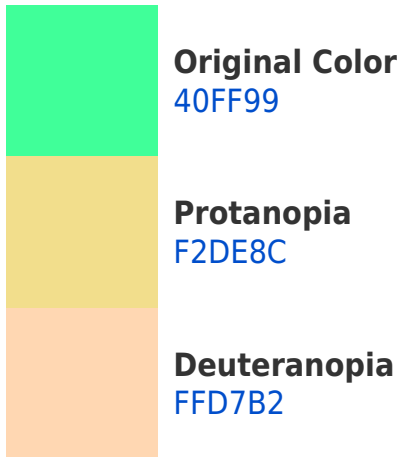


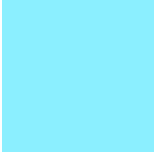
This preview shows how white text looks on a background with the Hex color 40FF99.

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
8BEFFF

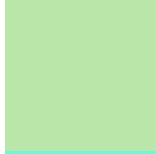
Trichromacy



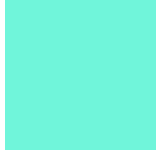
Original Color
40FF99



Protanomaly
B1EA91

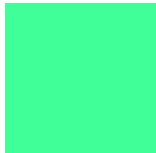


Deuteranomaly
BAE6A9

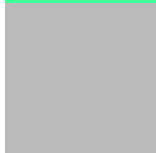


Tritanomaly
70F5DA

Monochromacy



Original Color
40FF99



Achromatopsia
BABABA



Achromatomaly
8ED3AE

CSS Examples

Text

The CSS property to change the color of the text to Hex 40FF99 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 #40FF99 looks like.

```
.text, #text, p{  
    color:#40FF99  
}
```

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 #40FF99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40FF99
}
```

Border

The CSS property to change the border of an element to Hex 40FF99 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
#40FF99 }
```

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

```
.border{ border-color:#40FF99 }
```

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

Here you see how a box with a 4 pixel #40FF99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40FF99; -webkit-box-shadow:4px 4px  
4px 4px #40FF99; box-shadow:4px 4px 4px  
4px #40FF99 }
```

Background

The CSS property to change the background color of an element to Hex 40FF99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40FF99 }
```

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

```
.background{ background-color:#40FF99 }
```

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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