

Converting Colors

Hex(40FF92)

Have a look what the booklet for
Hex(40FF92) contains.

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Color

Hex(40FF92)

Conversions

Conversions Part 1

Format	Color
Hex	40FF92
RGB	64, 255, 146
RGB Percent	25%, 100%, 57%
CMY	0.7490, 0.0000, 0.4275
CMYK	0.75, 0.00, 0.43, 0.00
HSL	146°, 100%, 63%
HSV	146°, 75%, 100%
XYZ	43.0627, 74.6853, 39.3402
YIQ	185.4650, -78.8470, -74.3910

Conversions

Conversions Part 2

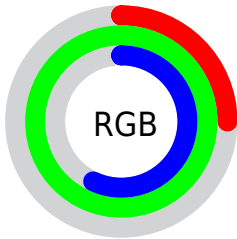
Format	Color
RYB	64, 198, 255
Decimal	4259730
CIELab	89.25, -69.62, 39.01
CIElCh	89, 79.805, 150.737
Yxy	74.6853, 0.2741, 0.4754
Android (android.graphics.Color)	4282449810 (0xFF40FF92)
YUV	185.4650, -19.4562, -106.5248
Hunter-Lab	86.4207, -62.2912, 33.5046

Details

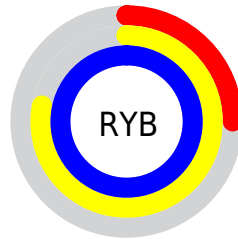
The Hex color **40FF92** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **FF40AD**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **89FFC9**, and **00C55E** is the 20% darker color. If you saturate the color by 10%, you get **26FF83**, and if you desaturate by 10%, it is **5AFFA1**.

Distribution



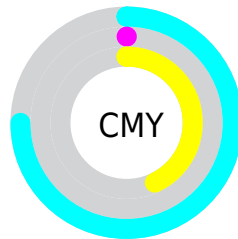
- Red (25%)
- Green (100%)
- Blue (57%)



- Red (25%)
- Yellow (78%)
- Blue (100%)



- Cyan (75%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)



- Cyan (75%)
- Magenta (0%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40FF92 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 40FF92 by changing the saturation by 10% instead.

 40FF92

FFFFFF

 89FFC9

 AAFFE5

 C9FFFF

 E9FFFF

 40FF92

 00E278

 00C55E

 00A945

 008D2C

 007211

 005800

 003F00

 002600

 000000

■ 40FF92

■ 40FF92

■ 26FF83

■ 5AFFA1

■ 0DFF75

■ 73FFAF

■ 00FF6D

■ 8DFFBE

■ A6FFCC

■ C0FFDB

■ D9FFE9

■ F3FFF8

FFFFFF

Harmonies

Analogous

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



BAF252



40FF92



00FFE0

Triad

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



40FF92



00E8FF



FFA397

Complementary

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



40FF92



FF40AD

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.



FF98E2



40FF92



E3CBFF

Square

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



40FF92



00FBFF



FFABFF



FFC059

Rectangle

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



40FF92



00FFFF



FFABFF



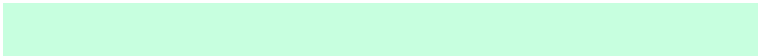
FF9DAF

Sweetspot

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



40FF92



C7FFDF



AFFF40



5E806D



000000



808080

Same Dimension

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



40FF92



19FF7C



40FFE4



738078



00BF52



00401B

Inverse Universe

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



FF40AD



FF199C



FF4050



80737A



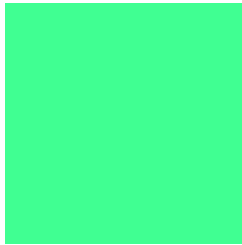
BF006D



400024

Previews

White Background



This preview shows how the Hex color 40FF92 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 40FF92 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

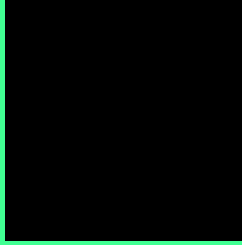
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

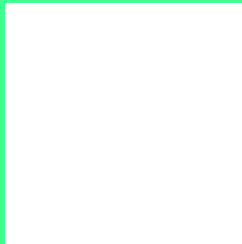
Any Text WCAG AAA ✓ Pass

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

Hex 40FF92 Background



This preview shows how black text looks on a background with the Hex color 40FF92.

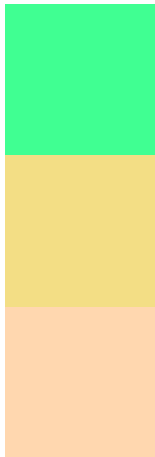


This preview shows how white text looks on a background with the Hex color 40FF92.

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](#).

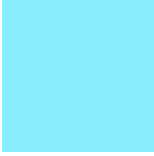
Dichromacy



Original Color
40FF92

Protanopia
F3DE85

Deuteranopia
FFD7AF



Tritanopia
8AEEFF

Trichromacy



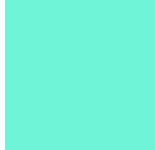
Original Color
40FF92



Protanomaly
B2EA8A



Deuteranomaly
BAE6A4



Tritanomaly
6FF4D7

Monochromacy



Original Color
40FF92



Achromatopsia
B9B9B9



Achromatomaly
8DD2AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 40FF92 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 #40FF92 looks like.

```
.text, #text, p{  
    color:#40FF92  
}
```

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 #40FF92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40FF92
}
```

Border

The CSS property to change the border of an element to Hex 40FF92 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
#40FF92 }
```

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

```
.border{ border-color:#40FF92 }
```

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

Here you see how a box with a 4 pixel #40FF92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40FF92; -webkit-box-shadow:4px 4px  
4px 4px #40FF92; box-shadow:4px 4px 4px  
4px #40FF92 }
```

Background

The CSS property to change the background color of an element to Hex 40FF92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40FF92 }
```

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

```
.background{ background-color:#40FF92 }
```

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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