

Converting Colors

Hex(40F299)

Have a look what the booklet for
Hex(40F299) contains.

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Color

Hex(40F299)

Conversions

Conversions Part 1

Format	Color
Hex	40F299
RGB	64, 242, 153
RGB Percent	25%, 95%, 60%
CMY	0.7490, 0.0510, 0.4000
CMYK	0.74, 0.00, 0.37, 0.05
HSL	150°, 87%, 60%
HSV	150°, 74%, 95%
XYZ	39.6163, 66.8942, 40.9609
YIQ	178.6320, -77.5190, -65.4150

Conversions

Conversions Part 2

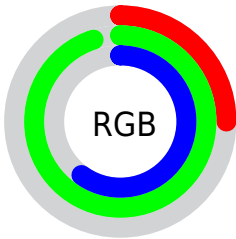
Format	Color
RYB	64, 183, 242
Decimal	4256409
CIELab	85.45, -63.79, 30.54
CIELCh	85, 70.726, 154.420
Yxy	66.8942, 0.2686, 0.4536
Android (android.graphics.Color)	4282446489 (0xFF40F299)
YUV	178.6320, -12.6366, -100.5323
Hunter-Lab	81.7888, -56.6700, 27.5590

Details

The Hex color **40F299** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **F24099**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **87FFD0**, and **00B865** is the 20% darker color. If you saturate the color by 10%, you get **28F28D**, and if you desaturate by 10%, it is **58F2A5**.

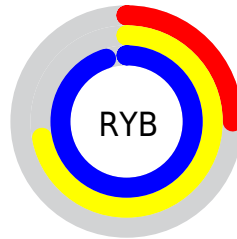
Distribution



Red (25%)

Green (95%)

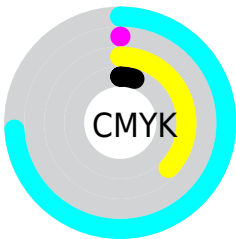
Blue (60%)



Red (25%)

Yellow (72%)

Blue (95%)

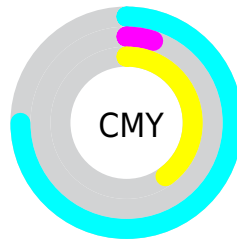


Cyan (74%)

Magenta (0%)

Yellow (37%)

Black (5%)



Cyan (75%)

Magenta (5%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40F299 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 40F299 by changing the saturation by 10% instead.

 40F299

FFFFFF

 87FFD0

 A6FFEC

 C6FFFF

 E5FFFF

 40F299

 00D57F

 00B865

 009D4C

 008234

 00671D

 004D04

 003600

 001C00

 000000

 40F299

 40F299

 28F28D

 58F2A5

 10F281

 70F2B1

 00F279

 89F2BD

 A1F2C9

 B9F2D5

 D1F2E2

 E9F2EE

 FFF2FA

 FFF2FF

Harmonies

Analogous

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



ABE760



40F299



00F6DE

Triad

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



40F299



5CDAFF



FFA48E

Complementary

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



40F299



F24099

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.



FF99CE



40F299



E6C0FF

Square

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



40F299



00ECFF



FFA5FF



FFBD5B

Rectangle

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



40F299



00F6FF



FFA5FF



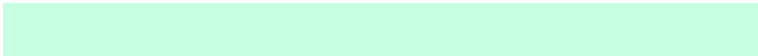
FF9EA2

Sweetspot

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



40F299



C7FFE3



99F240



5E806F



000000



808080

Same Dimension

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



40F299



1FFF8F



40F2F2



6C7872



00B85C



00381C

Inverse Universe

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



F24099



FF1F8F



F24040



786C72



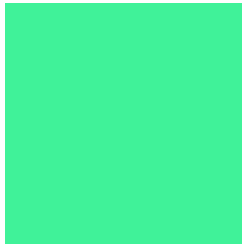
B8005C



38001C

Previews

White Background



This preview shows how the Hex color 40F299 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 40F299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

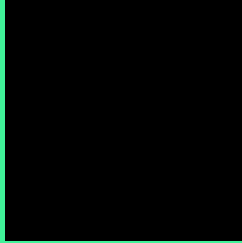
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

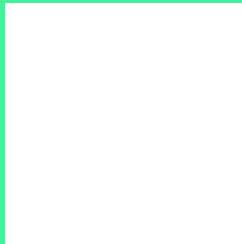
Any Text WCAG AAA ✓ Pass

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

Hex 40F299 Background



This preview shows how black text looks on a background with the Hex color 40F299.

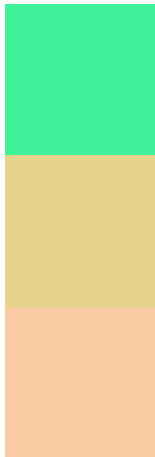


This preview shows how white text looks on a background with the Hex color 40F299.

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](#).

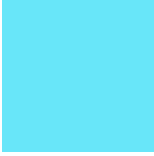
Dichromacy



Original Color
40F299

Protanopia
E6D38C

Deuteranopia
F8CBA2



Tritanopia
68E6F9

Trichromacy



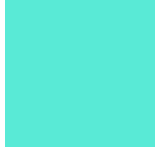
Original Color
40F299



Protanomaly
AADE91



Deuteranomaly
B5D99F



Tritanomaly
59EAD6

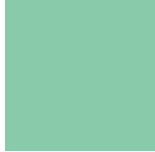
Monochromacy



Original Color
40F299



Achromatopsia
B3B3B3



Achromatomaly
89CAAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 40F299 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 #40F299 looks like.

```
.text, #text, p{  
    color:#40F299  
}
```

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 #40F299 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40F299
}
```

Border

The CSS property to change the border of an element to Hex 40F299 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
#40F299 }
```

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

```
.border{ border-color:#40F299 }
```

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

Here you see how a box with a 4 pixel #40F299 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40F299; -webkit-box-shadow:4px 4px  
4px 4px #40F299; box-shadow:4px 4px 4px  
4px #40F299 }
```

Background

The CSS property to change the background color of an element to Hex 40F299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40F299 }
```

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

```
.background{ background-color:#40F299 }
```

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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