

Converting Colors

Hex(40CC79)

Have a look what the booklet for
Hex(40CC79) contains.

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Color

Hex(40CC79)

Conversions

Conversions Part 1

Format	Color
Hex	40CC79
RGB	64, 204, 121
RGB Percent	25%, 80%, 47%
CMY	0.7490, 0.2000, 0.5255
CMYK	0.69, 0.00, 0.41, 0.20
HSL	144°, 58%, 53%
HSV	144°, 69%, 80%
XYZ	27.1584, 45.6562, 25.4703
YIQ	152.6780, -56.7970, -55.4930

Conversions

Conversions Part 2

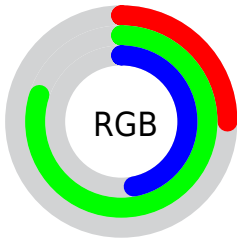
Format	Color
RYB	64, 163, 204
Decimal	4246649
CIELab	73.32, -55.68, 30.77
CIELCh	73, 63.620, 151.074
Yxy	45.6562, 0.2763, 0.4645
Android (android.graphics.Color)	4282436729 (0xFF40CC79)
YUV	152.6780, -15.6173, -77.7706
Hunter-Lab	67.5694, -46.5012, 24.9492

Details

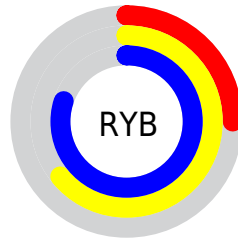
The Hex color **40CC79** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **CC4093**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **80FFAE**, and **009547** is the 20% darker color. If you saturate the color by 10%, you get **2CCC6D**, and if you desaturate by 10%, it is **54CC85**.

Distribution



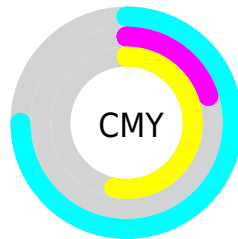
- Red (25%)
- Green (80%)
- Blue (47%)



- Red (25%)
- Yellow (64%)
- Blue (80%)



- Cyan (69%)
- Magenta (0%)
- Yellow (41%)
- Black (20%)



- Cyan (75%)
- Magenta (20%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Hex color 40CC79 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 40CC79 by changing the saturation by 10% instead.

 40CC79

 40CC79

FFFFFF

 11B060

 80FFAE

 009547

 9EFFCA

 007A2F

 BCFFE6

 006018

 DAFFFF

 004700

 F8FFFF

 003000

 001400

 000000

 40CC79

 40CC79

 2CCC6D

 54CC85

 17CC61

 69CC91

 03CC55

 7DCC9D

 00CC53

 92CCA9

 A6CCB5

 BACCC2

 CFCCCE

 E3CCDA

 F8CCE6

Harmonies

Analogous

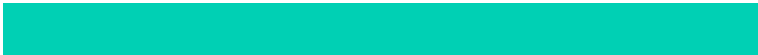
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97C249



40CC79



00D0B4

Triad

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



40CC79



25BAFF



FF877B

Complementary

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



40CC79



CC4093

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.



FF7FB4



40CC79



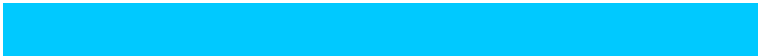
B8A4FF

Square

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



40CC79



00C9FF



FD8CED



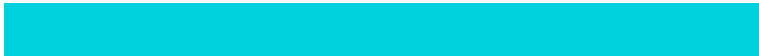
FF9C4D

Rectangle

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



40CC79



00D0DC



FD8CED



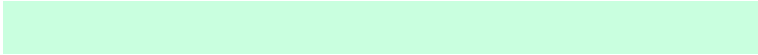
FF828D

Sweetspot

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



40CC79



C9FFDF



94CC40



60806D



000000



808080

Same Dimension

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



40CC79



2EFF83



40CCBE



5C6660



00A643



002610

Inverse Universe

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



CC4093



FF2EAA



CC404E



665C62



A60062



260017

Previews

White Background



This preview shows how the Hex color 40CC79 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 40CC79 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

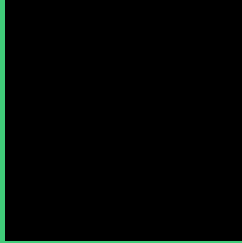
Any Text WCAG AA ✓ Pass

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 40CC79 Background



This preview shows how black text looks on a background with the Hex color 40CC79.

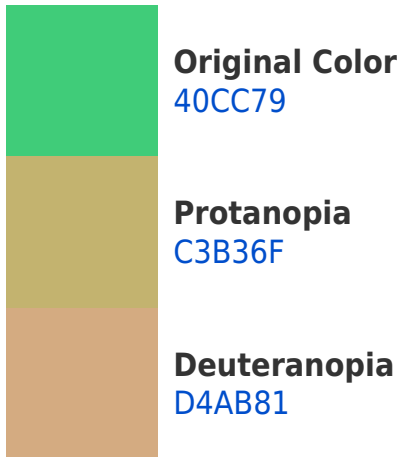


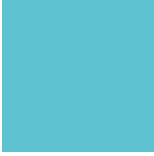
This preview shows how white text looks on a background with the Hex color 40CC79.

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
5FC2D1

Trichromacy



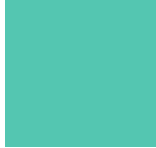
Original Color
40CC79



Protanomaly
93BC73



Deuteranomaly
9EB77E



Tritanomaly
54C6B1

Monochromacy



Original Color
40CC79



Achromatopsia
999999



Achromatomaly
79AC8D

CSS Examples

Text

The CSS property to change the color of the text to Hex 40CC79 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 #40CC79 looks like.

```
.text, #text, p{  
    color:#40CC79  
}
```

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 #40CC79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40CC79
}
```

Border

The CSS property to change the border of an element to Hex 40CC79 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
#40CC79 }
```

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

```
.border{ border-color:#40CC79 }
```

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

Here you see how a box with a 4 pixel #40CC79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40CC79; -webkit-box-shadow:4px 4px  
4px 4px #40CC79; box-shadow:4px 4px 4px  
4px #40CC79 }
```

Background

The CSS property to change the background color of an element to Hex 40CC79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40CC79 }
```

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

```
.background{ background-color:#40CC79 }
```

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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