

Converting Colors

Hex(40BFA2)

Have a look what the booklet for
Hex(40BFA2) contains.

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Color

Hex(40BFA2)

Conversions

Conversions Part 1

Format	Color
Hex	40BFA2
RGB	64, 191, 162
RGB Percent	25%, 75%, 64%
CMY	0.7490, 0.2510, 0.3647
CMYK	0.66, 0.00, 0.15, 0.25
HSL	166°, 50%, 50%
HSV	166°, 66%, 75%
XYZ	27.2667, 40.9602, 40.6514
YIQ	149.7210, -66.3830, -35.9430

Conversions

Conversions Part 2

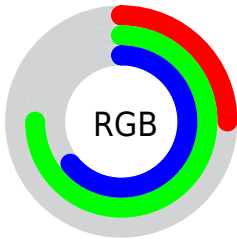
Format	Color
RYB	64, 136, 191
Decimal	4243362
CIELab	70.15, -41.57, 4.52
CIELCh	70, 41.810, 173.796
Yxy	40.9602, 0.2504, 0.3762
Android (android.graphics.Color)	4282433442 (0xFF40BFA2)
YUV	149.7210, 6.0535, -75.1773
Hunter-Lab	64.0002, -35.9519, 7.1405

Details

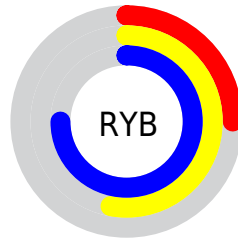
The Hex color **40BFA2** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BF405D**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **7EF8D9**, and **00896E** is the 20% darker color. If you saturate the color by 10%, you get **2DBF9E**, and if you desaturate by 10%, it is **53BFA6**.

Distribution



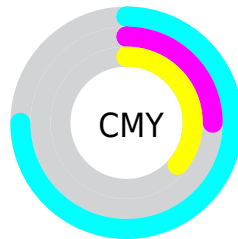
- Red (25%)
- Green (75%)
- Blue (64%)



- Red (25%)
- Yellow (53%)
- Blue (75%)



- Cyan (66%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)



- Cyan (75%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40BFA2 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 40BFA2 by changing the saturation by 10% instead.

 40BFA2

 40BFA2


FFFFFF

 15A388


 7EF8D9

 00896E

 9CFFF5

 006F56

 B9FFFF

 00553F

 D7FFFF

 003D29

 F5FFFF

 002815

 000100

 000000

 40BFA2

 40BFA2

■ 2DBF9E

■ 53BFA6

■ 1ABF99

■ 66BFAB

■ 07BF95

■ 79BFAF

■ 00BF93

■ 8CBFB3

■ A0BFB8

■ B3BFBC

■ C6BFC1

■ D9BFC5

■ ECBFC9

Harmonies

Analogous

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



79BB7D



40BFA2



00BFC9

Triad

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



40BFA2



A4A5F1



E7996F

Complementary

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



40BFA2



BF405D

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.



F48F8F



40BFA2



D497D9

Square

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



40BFA2



61B2F6



EF8EB5



CBA75F

Rectangle

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



40BFA2



00BDDF



EF8EB5



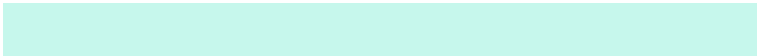
ED9579

Sweetspot

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



40BFA2



C6F7EC



5EBF40



5F7D76



FCFCFC



7D7D7D

Same Dimension

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



40BFA2



31F7CA



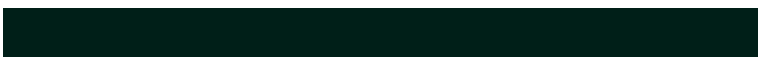
409DBF



555E5C



009E7A



001F18

Inverse Universe

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



BF405D



F7315F



BF6240



5E5557



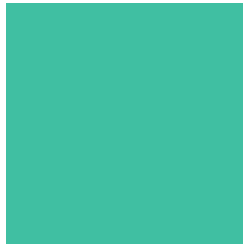
9E0024



1F0007

Previews

White Background



This preview shows how the Hex color 40BFA2 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 40BFA2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

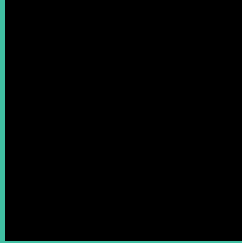
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

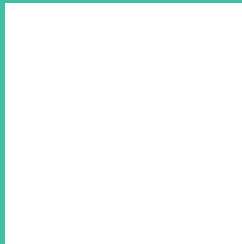
Any Text WCAG AAA ✓ Pass

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

Hex 40BFA2 Background



This preview shows how black text looks on a background with the Hex color 40BFA2.

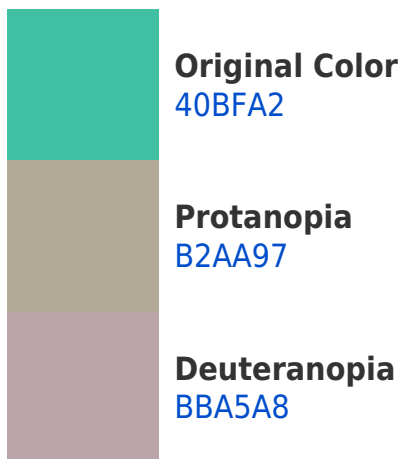


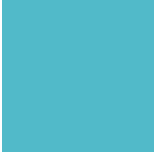
This preview shows how white text looks on a background with the Hex color 40BFA2.

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
51BAC9

Trichromacy



Original Color
40BFA2



Protanomaly
89B29B



Deuteranomaly
8EAEA6



Tritanomaly
4BBCBB

Monochromacy



Original Color
40BFA2



Achromatopsia
969696



Achromatomaly
77A59A

CSS Examples

Text

The CSS property to change the color of the text to Hex 40BFA2 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 #40BFA2 looks like.

```
.text, #text, p{  
    color:#40BFA2  
}
```

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 #40BFA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40BFA2
}
```

Border

The CSS property to change the border of an element to Hex 40BFA2 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
#40BFA2 }
```

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

```
.border{ border-color:#40BFA2 }
```

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

Here you see how a box with a 4 pixel #40BFA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40BFA2; -webkit-box-shadow:4px 4px  
4px 4px #40BFA2; box-shadow:4px 4px 4px  
4px #40BFA2 }
```

Background

The CSS property to change the background color of an element to Hex 40BFA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40BFA2 }
```

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

```
.background{ background-color:#40BFA2 }
```

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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