

Converting Colors

Hex(40BC94)

Have a look what the booklet for
Hex(40BC94) contains.

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Color

Hex(40BC94)

Conversions

Conversions Part 1

Format	Color
Hex	40BC94
RGB	64, 188, 148
RGB Percent	25%, 74%, 58%
CMY	0.7490, 0.2627, 0.4196
CMYK	0.66, 0.00, 0.21, 0.26
HSL	161°, 49%, 49%
HSV	161°, 66%, 74%
XYZ	25.4429, 39.1945, 34.2413
YIQ	146.3640, -61.0640, -38.7280

Conversions

Conversions Part 2

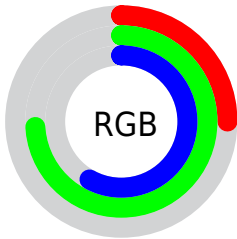
Format	Color
RYB	64, 138, 188
Decimal	4242580
CIELab	68.89, -43.67, 10.36
CIElCh	69, 44.885, 166.657
Yxy	39.1945, 0.2573, 0.3964
Android (android.graphics.Color)	4282432660 (0xFF40BC94)
YUV	146.3640, 0.8065, -72.2332
Hunter-Lab	62.6055, -37.0174, 11.3960

Details

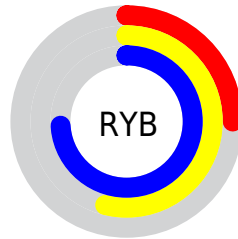
The Hex color **40BC94** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BC4068**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **7DF5CA**, and **008661** is the 20% darker color. If you saturate the color by 10%, you get **2DBC8E**, and if you desaturate by 10%, it is **53BC9A**.

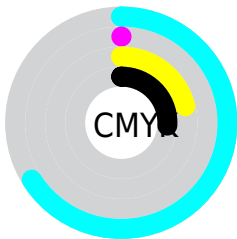
Distribution



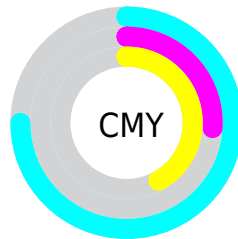
- Red (25%)
- Green (74%)
- Blue (58%)



- Red (25%)
- Yellow (54%)
- Blue (74%)



- Cyan (66%)
- Magenta (0%)
- Yellow (21%)
- Black (26%)



- Cyan (75%)
- Magenta (26%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40BC94 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 40BC94 by changing the saturation by 10% instead.



40BC94



40BC94

FFFFFF



17A17A



7DF5CA



008661



9BFFE6



006C4A



B8FFFF



005333



D6FFFF



003A1E



F4FFFF



002505



000000



40BC94



40BC94



2DBC8E



53BC9A

 1ABC88

 66BCA0

 08BC82

 78BCA6

 00BC7F

 8BBCAC

 9EBCB2

 B1BCB8

 C4BCBE

 D6BCC5

 E9BCCB

Harmonies

Analogous

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



7DB76F



40BC94



00BDBE

Triad

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



40BC94



8FA4F6



EC916F

Complementary

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



40BC94



BC4068

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.



F68893



40BC94



C895E0

Square

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



40BC94



38B2F7



EB89BC



D19F58

Rectangle

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



40BC94



00BCD7



EB89BC



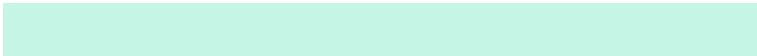
F18D7A

Sweetspot

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



40BC94



C4F5E5



69BC40



5D7A71



FAFAFA



7A7A7A

Same Dimension

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



40BC94



33F5B6



40A7BC



555E5B



009E6B



001F15

Inverse Universe

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



BC4068



F53372



BC5540



5E5558



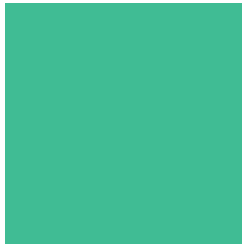
9E0033



1F000A

Previews

White Background



This preview shows how the Hex color 40BC94 looks on a white background.

Color Contrast Check

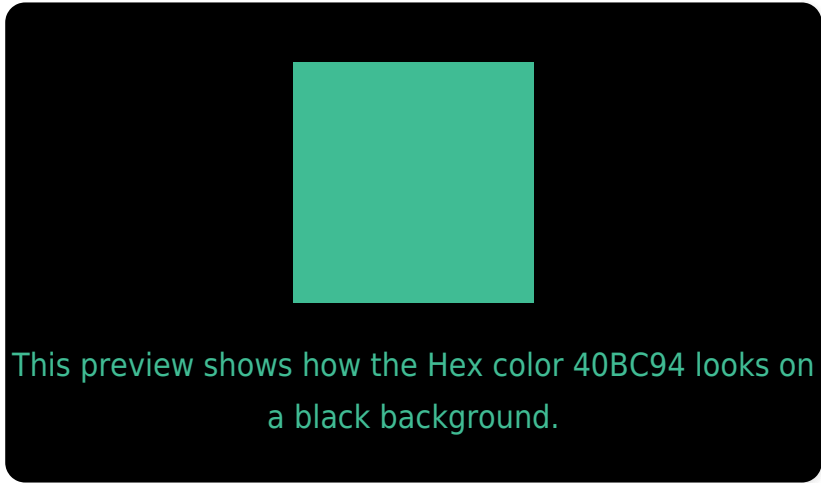
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

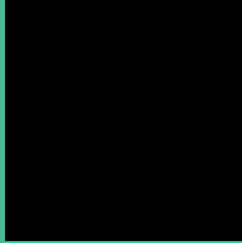
Any Text WCAG AA ✓ Pass

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 40BC94 Background



This preview shows how black text looks on a background with the Hex color 40BC94.



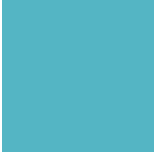
This preview shows how white text looks on a background with the Hex color 40BC94.

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
54B5C4

Trichromacy



Original Color
40BC94



Protanomaly
87AE8D



Deuteranomaly
8FAB98



Tritanomaly
4DB8B3

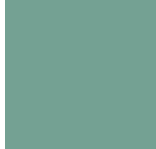
Monochromacy



Original Color
40BC94



Achromatopsia
929292



Achromatomaly
74A193

CSS Examples

Text

The CSS property to change the color of the text to Hex 40BC94 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 #40BC94 looks like.

```
.text, #text, p{  
    color:#40BC94  
}
```

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 #40BC94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40BC94
}
```

Border

The CSS property to change the border of an element to Hex 40BC94 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
#40BC94 }
```

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

```
.border{ border-color:#40BC94 }
```

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

Here you see how a box with a 4 pixel #40BC94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40BC94; -webkit-box-shadow:4px 4px  
4px 4px #40BC94; box-shadow:4px 4px 4px  
4px #40BC94 }
```

Background

The CSS property to change the background color of an element to Hex 40BC94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40BC94 }
```

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

```
.background{ background-color:#40BC94 }
```

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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