

Converting Colors

Hex(40C181)

Have a look what the booklet for
Hex(40C181) contains.

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Color

Hex(40C181)

Conversions

Conversions Part 1

Format	Color
Hex	40C181
RGB	64, 193, 129
RGB Percent	25%, 76%, 51%
CMY	0.7490, 0.2431, 0.4941
CMYK	0.67, 0.00, 0.33, 0.24
HSL	150°, 51%, 50%
HSV	150°, 67%, 76%
XYZ	25.1468, 40.8149, 27.3216
YIQ	147.1330, -56.3400, -47.2520

Conversions

Conversions Part 2

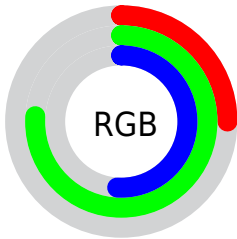
Format	Color
RYB	64, 150, 193
Decimal	4243841
CIELab	70.05, -49.90, 22.21
CIELCh	70, 54.622, 156.010
Yxy	40.8149, 0.2696, 0.4375
Android (android.graphics.Color)	4282433921 (0xFF40C181)
YUV	147.1330, -8.9396, -72.9076
Hunter-Lab	63.8865, -41.5410, 19.3648

Details

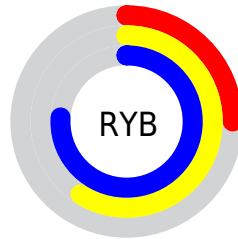
The Hex color **40C181** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C14080**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **7EFAB6**, and **008A4F** is the 20% darker color. If you saturate the color by 10%, you get **2DC177**, and if you desaturate by 10%, it is **53C18B**.

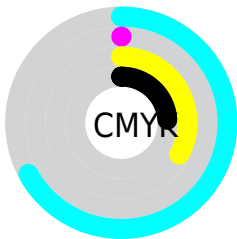
Distribution



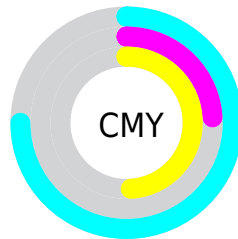
- Red (25%)
- Green (76%)
- Blue (51%)



- Red (25%)
- Yellow (59%)
- Blue (76%)



- Cyan (67%)
- Magenta (0%)
- Yellow (33%)
- Black (24%)



- Cyan (75%)
- Magenta (24%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40C181 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 40C181 by changing the saturation by 10% instead.



40C181



40C181

FFFFFF



16A568



7EFAB6



008A4F



9BFFD2



007038



B9FFEE



005721



D6FFFF



003E0B



F4FFFF



002800



000000



40C181



40C181



2DC177



53C18B

 19C16E

 67C194

 06C164

 7AC19E

 00C161

 8DC1A7

 A0C1B1

 B4C1BA

 C7C1C4

 DAC1CE

 EEC1D7

Harmonies

Analogous

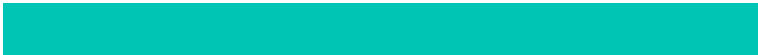
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8AB957



40C181



00C4B4

Triad

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



40C181



63ADFF



FF8873

Complementary

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



40C181



C14080

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.



FF80A3



40C181



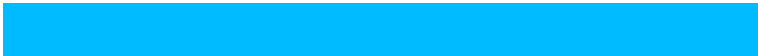
BC9AFC

Square

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



40C181



00BBFF



F088D5



E89A50

Rectangle

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



40C181



00C4D5



F088D5



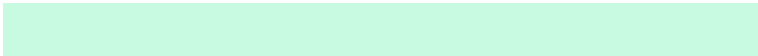
FF8482

Sweetspot

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



40C181



C8FAE1



80C140



5F7D6E



FCFCFC



7D7D7D

Same Dimension

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



40C181



32FA97



40C1C1



57615C



00A151



002111

Inverse Universe

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



C14080



FA3295



C14040



61575C



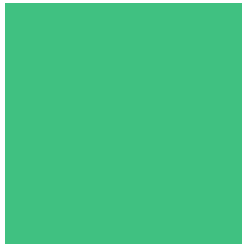
A10050



210010

Previews

White Background



This preview shows how the Hex color 40C181 looks on a white background.

Color Contrast Check

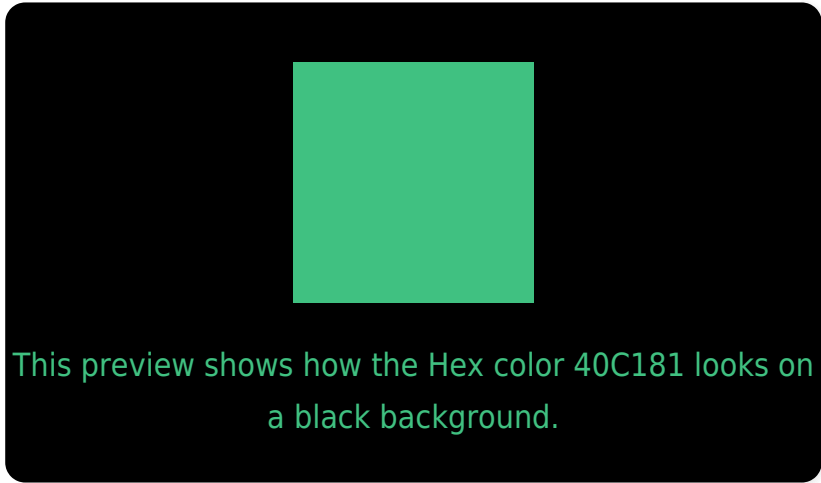
Large Text (above 18pt) WCAG AA × Fail

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

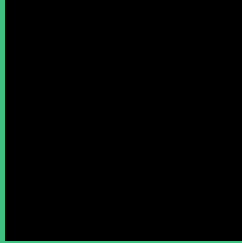
Any Text WCAG AA ✓ Pass

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 40C181 Background



This preview shows how black text looks on a background with the Hex color 40C181.

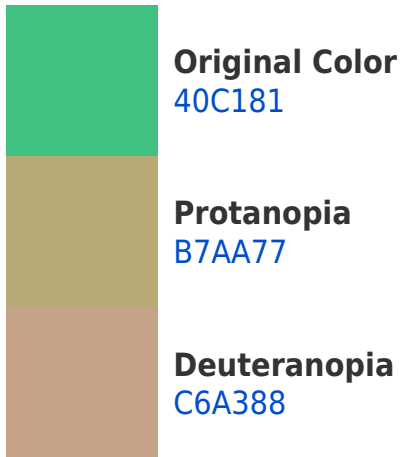


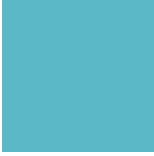
This preview shows how white text looks on a background with the Hex color 40C181.

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
5AB8C7

Trichromacy



Original Color
40C181



Protanomaly
8CB27B



Deuteranomaly
95AE85



Tritanomaly
51BBAE

Monochromacy



Original Color
40C181



Achromatopsia
939393



Achromatomaly
75A48C

CSS Examples

Text

The CSS property to change the color of the text to Hex 40C181 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 #40C181 looks like.

```
.text, #text, p{  
    color:#40C181  
}
```

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 #40C181 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40C181
}
```

Border

The CSS property to change the border of an element to Hex 40C181 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
#40C181 }
```

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

```
.border{ border-color:#40C181 }
```

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

Here you see how a box with a 4 pixel #40C181 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40C181; -webkit-box-shadow:4px 4px  
4px 4px #40C181; box-shadow:4px 4px 4px  
4px #40C181 }
```

Background

The CSS property to change the background color of an element to Hex 40C181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40C181 }
```

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

```
.background{ background-color:#40C181 }
```

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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