

Converting Colors

Hex(40FBBD)

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

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Color

Hex(40FBBD)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 40FBBD |
| RGB | 64, 251, 189 |
| RGB Percent | 25%, 98%, 74% |
| CMY | 0.7490, 0.0157, 0.2588 |
| CMYK | 0.75, 0.00, 0.25, 0.02 |
| HSL | 160°, 96%, 62% |
| HSV | 160°, 75%, 98% |
| XYZ | 45.7968, 73.7585, 59.9672 |
| YIQ | 188.0190, -91.5500, -58.9260 |

Conversions

Conversions Part 2

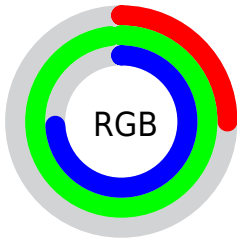
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 64, 176, 251 |
| Decimal | 4258749 |
| CIELab | 88.81, -59.77, 16.77 |
| CIELCh | 89, 62.081, 164.333 |
| Yxy | 73.7585, 0.2551, 0.4109 |
| Android (android.graphics.Color) | 4282448829 (0xFF40FBBD) |
| YUV | 188.0190, 0.4836, -108.7647 |
| Hunter-Lab | 85.8828, -55.1100, 18.7190 |

Details

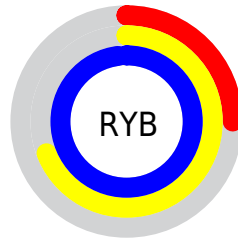
The Hex color **40FBBD** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **FB407E**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **89FFF5**, and **00C188** is the 20% darker color. If you saturate the color by 10%, you get **27FBB5**, and if you desaturate by 10%, it is **59FBC5**.

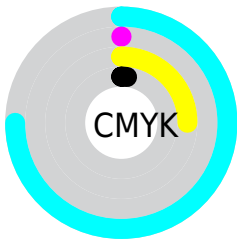
Distribution



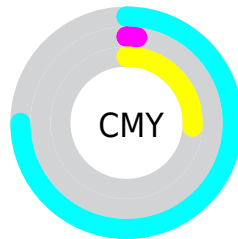
- Red (25%)
- Green (98%)
- Blue (74%)



- Red (25%)
- Yellow (69%)
- Blue (98%)



- Cyan (75%)
- Magenta (0%)
- Yellow (25%)
- Black (2%)



- Cyan (75%)
- Magenta (2%)
- Yellow (26%)

Brightness & Saturation Gradients

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

 40FBBD

FFFFFF

 89FFF5

 A9FFFF

 C9FFFF

 E8FFFF

 40FBBD

 00DEA2

 00C188

 00A56E

 008A56

 006F3E

 005528

 003D13

 002500

 000000

 40FBBD

 40FBBD

 27FBB5

 59FBC5

 0EFBAC

 72FBCE

 00FBA8

 8BFBD6

 A4FBDE

 BDFBE7

 D7FBEF

 F0FBF7

 FFFBFF

Harmonies

Analogous

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



A4F387



40FBBD



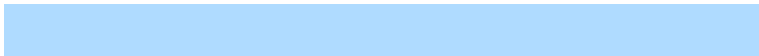
00FDFA

Triad

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



40FBBD



AFDBFF



FFBB8F

Complementary

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



40FBBD



FB407E

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.



FFAEC5



40FBBD



FFC4FF

Square

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



40FBBD



00EEFF



FFB1FF



FFD16B

Rectangle

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



40FBBD



00BFFF



FFB1FF



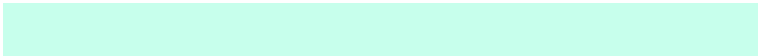
FFB59F

Sweetspot

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



40FBBD



C7FFEC



7EFB40



5E8075



000000



808080

Same Dimension

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



40FBBD



1CFFB4



40DCFB



707D79



00BD7E



003D29

Inverse Universe

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



FB407E



FF1C67



FB5F40



7D7075



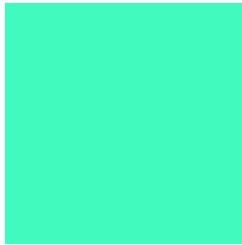
BD003F



3D0014

Previews

White Background



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

Color Contrast Check

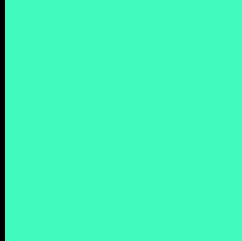
Large Text (above 18pt) WCAG AA × Fail

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 40FBBD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

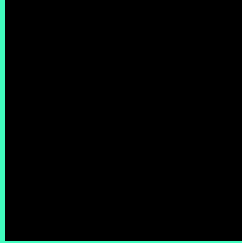
Any Text WCAG AA ✓ Pass

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 40FBBD Background



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

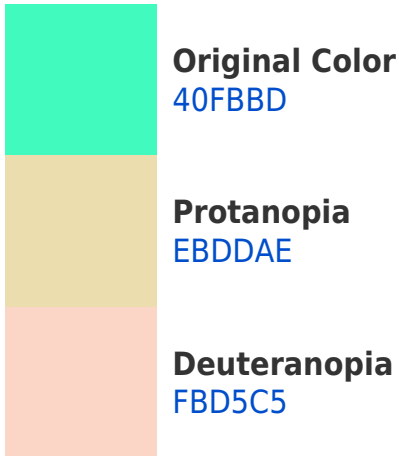


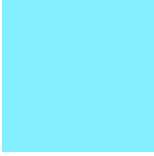
This preview shows how white text looks on a background with the Hex color 40FBBD.

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
82EEFF

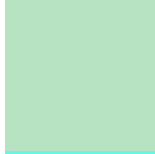
Trichromacy



Original Color
40FBBD



Protanomaly
ADE8B3



Deuteranomaly
B7E3C2



Tritanomaly
6AF3E7

Monochromacy



Original Color
40FBBD



Achromatopsia
BCBCBC



Achromatomaly
8FD3BC

CSS Examples

Text

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

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

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 #40FBBD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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