

Converting Colors

Hex(3BBBB2)

Have a look what the booklet for
Hex(3BBBB2) contains.

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Color

Hex(3BBBB2)

Conversions

Conversions Part 1

Format	Color
Hex	3BBBB2
RGB	59, 187, 178
RGB Percent	23%, 73%, 70%
CMY	0.7686, 0.2667, 0.3020
CMYK	0.68, 0.00, 0.05, 0.27
HSL	176°, 52%, 48%
HSV	176°, 68%, 73%
XYZ	27.6098, 39.6848, 48.3242
YIQ	147.7020, -73.3990, -29.9350

Conversions

Conversions Part 2

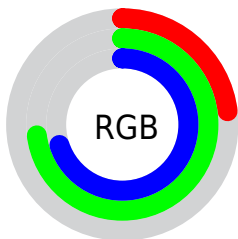
Format	Color
RYB	59, 125, 187
Decimal	3914674
CIELab	69.24, -36.29, -5.58
CIElCh	69, 36.720, 188.746
Yxy	39.6848, 0.2388, 0.3432
Android (android.graphics.Color)	4282104754 (0xFF3BBBB2)
YUV	147.7020, 14.9369, -77.7917
Hunter-Lab	62.9959, -32.0098, -1.3843

Details

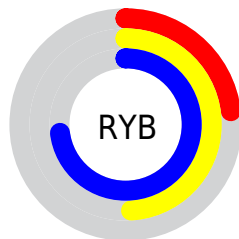
The Hex color **3BBBB2** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BB3B44**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **7BF4EA**, and **00857D** is the 20% darker color. If you saturate the color by 10%, you get **28BBB1**, and if you desaturate by 10%, it is **4EBBB3**.

Distribution



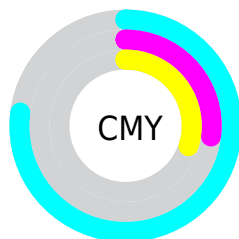
- Red (23%)
- Green (73%)
- Blue (70%)



- Red (23%)
- Yellow (49%)
- Blue (73%)



- Cyan (68%)
- Magenta (0%)
- Yellow (5%)
- Black (27%)



- Cyan (77%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BBBB2 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 3BBBB2 by changing the saturation by 10% instead.



3BBBB2



3BBBB2

FFFFFF



04A097



7BF4EA



00857D



99FFFF



006B65



B7FFFF



00524D



D5FFFF



003A36



F3FFFF



002621



00000A



000000



3BBBB2



3BBBB2

■ 28BBB1

■ 4EBBB3

■ 16BBAF

■ 60BBB5

■ 03BBAE

■ 73BBB6

■ 00BBAE

■ 86BBB7

■ 98BBB9

■ ABBBBBA

■ BEBBBB

■ D1BBBD

■ E3BBBE

Harmonies

Analogous

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



68B990



3BBBB2



21B9D2

Triad

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



3B8BB2



BA9DDC



D39F6C

Complementary

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



3BBB2



BB3B44

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.



E69481



3BBBB2



DB93C2

Square

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



3BBBB2



89A9EA



EA8FA0



B6AA66

Rectangle

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



3BBBB2



3DB6E1



EA8FA0



DB9B71

Sweetspot

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



3B BBB2



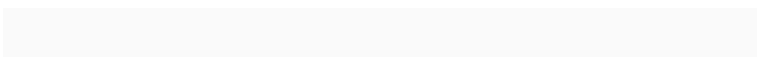
BFF2EF



46BB3B



5C7A78



FAFAFA



7A7A7A

Same Dimension

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



3B8BB2



2CF2E4



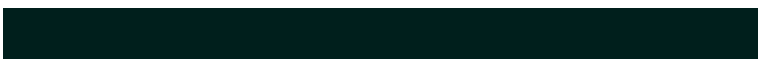
3B86BB



555E5E



009E93



001F1C

Inverse Universe

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



BB3B44



F22C3A



BB703B



5E5556



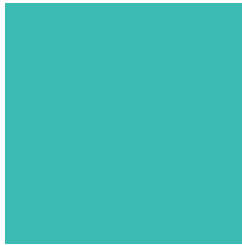
9E000B



1F0002

Previews

White Background



This preview shows how the Hex color 3BBBB2 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 3B BBB2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

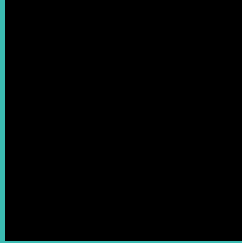
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

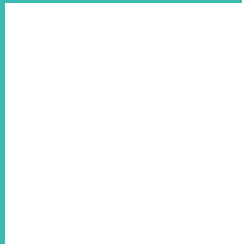
Any Text WCAG AAA ✓ Pass

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

Hex 3BBBB2 Background



This preview shows how black text looks on a background with the Hex color 3BBBB2.

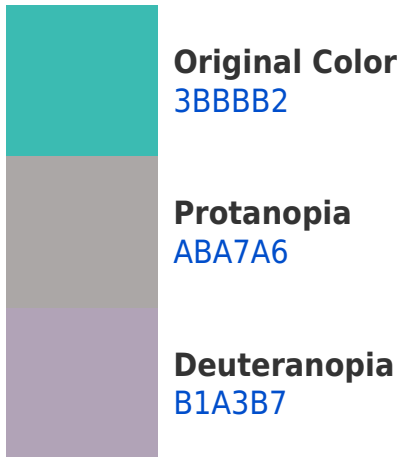


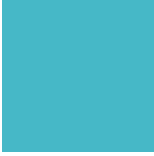
This preview shows how white text looks on a background with the Hex color 3BBBB2.

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
46B8C7

Trichromacy



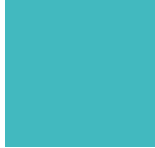
Original Color
3B BBB2



Protanomaly
82A EAA



Deuteranomaly
86A CB5



Tritanomaly
42B 9BF

Monochromacy



Original Color
3B BBB2



Achromatopsia
949 494



Achromatomaly
74A 29F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BBBB2 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 #3BBBB2 looks like.

```
.text, #text, p{  
    color:#3BBBB2  
}
```

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 #3BBBB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BBBB2
}
```

Border

The CSS property to change the border of an element to Hex 3BBBB2 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
#3BBBB2 }
```

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

```
.border{ border-color:#3BBBB2 }
```

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

Here you see how a box with a 4 pixel #3BBBB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BBBB2; -webkit-box-shadow:4px 4px  
4px 4px #3BBBB2; box-shadow:4px 4px 4px  
4px #3BBBB2 }
```

Background

The CSS property to change the background color of an element to Hex 3BBBB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BBBB2 }
```

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

```
.background{ background-color:#3BBBB2 }
```

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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