

Converting Colors

Hex(32CBD5)

Have a look what the booklet for
Hex(32CBD5) contains.

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Color

Hex(32CBD5)

Conversions

Conversions Part 1

Format	Color
Hex	32CBD5
RGB	50, 203, 213
RGB Percent	20%, 80%, 84%
CMY	0.8039, 0.2039, 0.1647
CMYK	0.77, 0.05, 0.00, 0.16
HSL	184°, 66%, 52%
HSV	184°, 77%, 84%
XYZ	34.6816, 48.1941, 70.4253
YIQ	158.3930, -94.3980, -29.3260

Conversions

Conversions Part 2

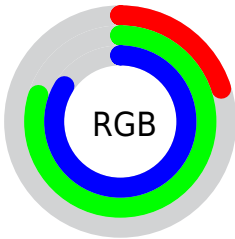
Format	Color
RYB	50, 129, 213
Decimal	3328981
CIELab	74.95, -34.72, -16.16
CIELCh	75, 38.297, 204.954
Yxy	48.1941, 0.2262, 0.3144
Android (android.graphics.Color)	4281519061 (0xFF32CBD5)
YUV	158.3930, 26.9213, -95.0607
Hunter-Lab	69.4220, -32.3140, -11.5515

Details

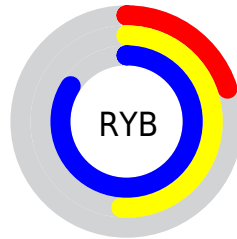
The Hex color **32CBD5** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D53C32**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **7BFFFF**, and **00949E** is the 20% darker color. If you saturate the color by 10%, you get **1DCAD5**, and if you desaturate by 10%, it is **47CCD5**.

Distribution



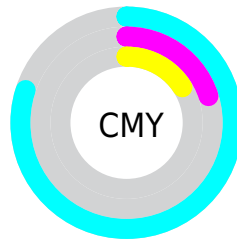
- Red (20%)
- Green (80%)
- Blue (84%)



- Red (20%)
- Yellow (51%)
- Blue (84%)



- Cyan (77%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (80%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32CBD5 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 32CBD5 by changing the saturation by 10% instead.

 32CBD5

 32CBD5

FFFFFF

 00AFB9

 7BFFFF

 00949E

 9BFFFF

 007A84

 BAFBFF

 00616B

 D9FFFF

 004853

 F8FFFF

 00313C

 001B26

 000111

 000000

 32CBD5

 32CBD5

 1DCAD5

 47CCD5

 07C8D5

 5DCED5

 00C8D5

 72CFD5

 87D0D5

 9CD2D5

 B2D3D5

 C7D4D5

 DCD5D5

 F2D7D5

Harmonies

Analogous

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



5CCBB1



32CBD5



43C7F1

Triad

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



32CBD5



DFA5E1



D5B472

Complementary

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



32CBD5



D53C32

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.



F0A880



32CBD5



F89EC0

Square

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



32CBD5



B4B2F8



FD9F9D



B2BF77

Rectangle

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



32CBD5



68C1FC



FD9F9D



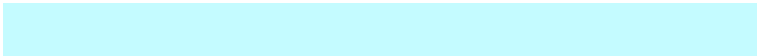
E0B075

Sweetspot

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



32CBD5



C4FBFF



32D53A



5C7D80



000000



808080

Same Dimension

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



32CBD5



14F1FF



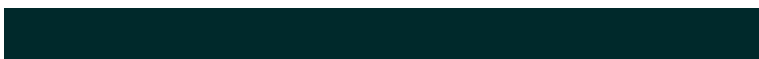
327BD5



606A6B



00A0AB



00292B

Inverse Universe

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



D532CB



FF14F1



D58C32



6B606A



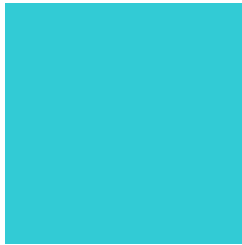
AB00A0



2B0029

Previews

White Background



This preview shows how the Hex color 32CBD5 looks on a white background.

Color Contrast Check

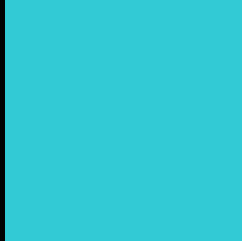
Large Text (above 18pt) WCAG AA × Fail

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 32CBD5 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 32CBD5 Background



This preview shows how black text looks on a background with the Hex color 32CBD5.

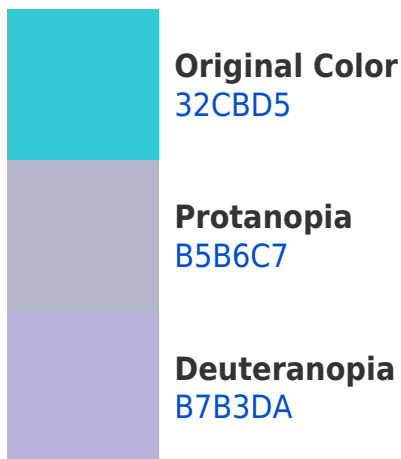


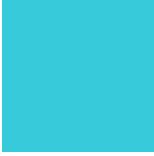
This preview shows how white text looks on a background with the Hex color 32CBD5.

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
36CADB

Trichromacy



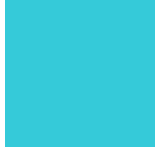
Original Color
32CBD5



Protanomaly
85BECC



Deuteranomaly
87BCD8



Tritanomaly
35CAD9

Monochromacy



Original Color
32CBD5



Achromatopsia
9E9E9E



Achromatomaly
77AEB2

CSS Examples

Text

The CSS property to change the color of the text to Hex 32CBD5 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 #32CBD5 looks like.

```
.text, #text, p{  
    color:#32CBD5  
}
```

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 #32CBD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32CBD5  
}
```

Border

The CSS property to change the border of an element to Hex 32CBD5 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  
#32CBD5 }
```

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

```
.border{ border-color:#32CBD5 }
```

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

Here you see how a box with a 4 pixel #32CBD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32CBD5; -webkit-box-shadow:4px 4px  
4px 4px #32CBD5; box-shadow:4px 4px 4px  
4px #32CBD5 }
```

Background

The CSS property to change the background color of an element to Hex 32CBD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32CBD5 }
```

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

```
.background{ background-color:#32CBD5 }
```

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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