

Converting Colors

Hex(32CDA4)

Have a look what the booklet for
Hex(32CDA4) contains.

Hex(32CDA4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(32CDA4)

Conversions

Conversions Part 1

Format	Color
Hex	32CDA4
RGB	50, 205, 164
RGB Percent	20%, 80%, 64%
CMY	0.8039, 0.1961, 0.3569
CMYK	0.76, 0.00, 0.20, 0.20
HSL	164°, 61%, 50%
HSV	164°, 76%, 80%
XYZ	29.8476, 47.0211, 42.6248
YIQ	153.9810, -79.2190, -45.6110

Conversions

Conversions Part 2

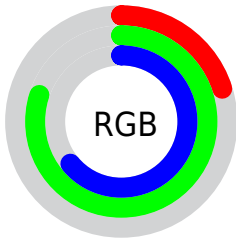
Format	Color
RYB	50, 139, 205
Decimal	3329444
CIELab	74.20, -48.95, 9.22
CIELCh	74, 49.812, 169.338
Yxy	47.0211, 0.2498, 0.3935
Android (android.graphics.Color)	4281519524 (0xFF32CDA4)
YUV	153.9810, 4.9394, -91.1913
Hunter-Lab	68.5719, -42.3045, 11.1453

Details

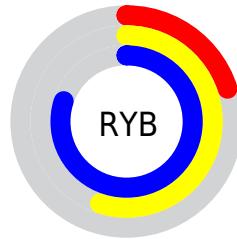
The Hex color **32CDA4** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CD325B**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **78FFDB**, and **009670** is the 20% darker color. If you saturate the color by 10%, you get **1ECD9F**, and if you desaturate by 10%, it is **46CDA9**.

Distribution



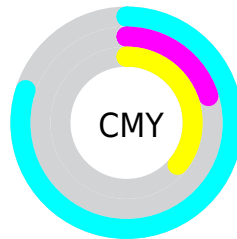
- Red (20%)
- Green (80%)
- Blue (64%)



- Red (20%)
- Yellow (55%)
- Blue (80%)



- Cyan (76%)
- Magenta (0%)
- Yellow (20%)
- Black (20%)



- Cyan (80%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32CDA4 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 32CDA4 by changing the saturation by 10% instead.

 32CDA4

 32CDA4

FFFFFF

 00B18A

 78FFDB

 009670

 97FFF7

 007B58

 B5FFFF

 006140

 D3FFF7

 00482A

 F2FFF7

 003116

 001700

 000000

 32CDA4

 32CDA4

■ 1ECD9F

■ 46CDA9

■ 09CD99

■ 5BCDAF

■ 00CD97

■ 70CDB4

■ 84CDBA

■ 99CDBF

■ ADCDC5

■ C2CDCA

■ D6CDCF

■ EBCDD5

Harmonies

Analogous

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



80C779



32CDA4



00CED3

Triad

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



32CDA4



A1B1FF



FF9E73

Complementary

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



32CDA4



CD325B

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.



FF929B



32CDA4



DF9FF3

Square

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



32CDA4



3CC0FF



FF92C9



E0AE5B

Rectangle

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



32CDA4



00CCEF



FF92C9



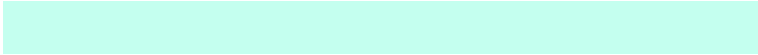
FF997F

Sweetspot

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



32CDA4



C4FFEF



5BCD32



5C8076



000000



808080

Same Dimension

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



32CDA4



17FFC2



32A9CD



5C6663



00A67A



00261C

Inverse Universe

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



CD325B



FF1754



CD5632



665C5E



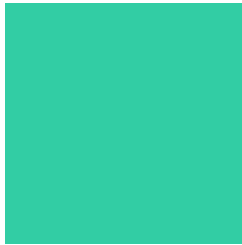
A6002C



26000A

Previews

White Background



This preview shows how the Hex color 32CDA4 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 32CDA4 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

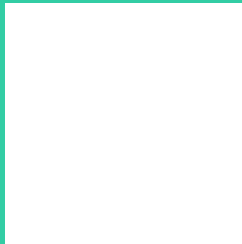
Any Text WCAG AAA ✓ Pass

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

Hex 32CDA4 Background



This preview shows how black text looks on a background with the Hex color 32CDA4.

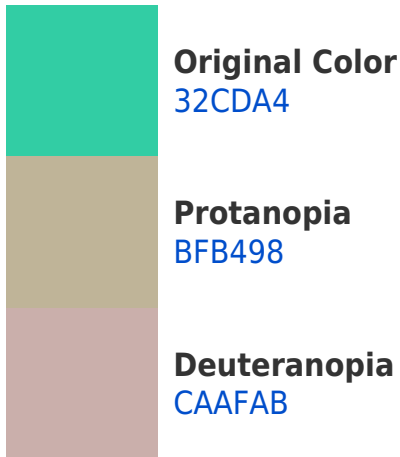


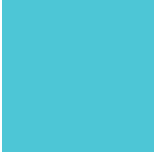
This preview shows how white text looks on a background with the Hex color 32CDA4.

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](#).

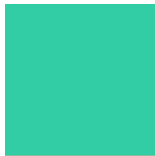
Dichromacy





Tritanopia
4DC6D6

Trichromacy



Original Color

32CDA4



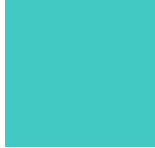
Protanomaly

8CBD9C



Deuteranomaly

93BAA8



Tritanomaly

43C9C4

Monochromacy



Original Color

32CDA4



Achromatopsia

9A9A9A



Achromatomaly

74AD9E

CSS Examples

Text

The CSS property to change the color of the text to Hex 32CDA4 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 #32CDA4 looks like.

```
.text, #text, p{  
    color:#32CDA4  
}
```

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 #32CDA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32CDA4
}
```

Border

The CSS property to change the border of an element to Hex 32CDA4 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
#32CDA4 }
```

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

```
.border{ border-color:#32CDA4 }
```

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

Here you see how a box with a 4 pixel #32CDA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32CDA4; -webkit-box-shadow:4px 4px  
4px 4px #32CDA4; box-shadow:4px 4px 4px  
4px #32CDA4 }
```

Background

The CSS property to change the background color of an element to Hex 32CDA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32CDA4 }
```

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

```
.background{ background-color:#32CDA4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor