

# Converting Colors

Hex(32CA91)

Have a look what the booklet for  
Hex(32CA91) contains.

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# Color

**Hex(32CA91)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32CA91
RGB	50, 202, 145
RGB Percent	20%, 79%, 57%
CMY	0.8039, 0.2078, 0.4314
CMYK	0.75, 0.00, 0.28, 0.21
HSL	158°, 60%, 49%
HSV	158°, 75%, 79%
XYZ	27.5468, 44.9635, 34.0150
YIQ	150.0540, -72.2950, -49.9510

# Conversions

## Conversions Part 2

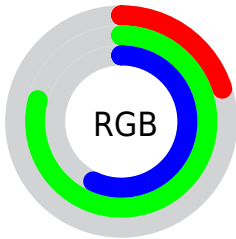
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 144, 202
Decimal	3328657
CIELab	72.87, -52.16, 17.51
CIElCh	73, 55.025, 161.440
Yxy	44.9635, 0.2586, 0.4221
Android (android.graphics.Color)	4281518737 (0xFF32CA91)
YUV	150.0540, -2.4916, -87.7474
Hunter-Lab	67.0548, -44.0165, 16.8622




# Details

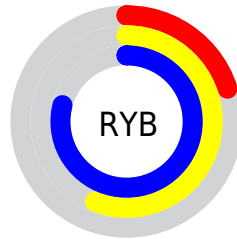
The Hex color **32CA91** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CA326B**, and the grayscale version is **969696**.




A 20% lighter version of the original color is **76FFC7**, and **00935E** is the 20% darker color. If you saturate the color by 10%, you get **1ECA89**, and if you desaturate by 10%, it is **46CA99**.

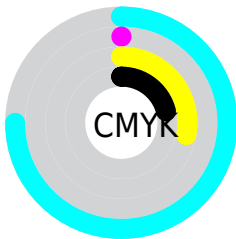
# Distribution







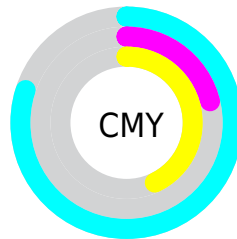
-  Red (20%)
-  Green (79%)
-  Blue (57%)






-  Red (20%)
-  Yellow (56%)
-  Blue (79%)



-  Cyan (75%)
-  Magenta (0%)
-  Yellow (28%)
-  Black (21%)



-  Cyan (80%)
-  Magenta (21%)
-  Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32CA91 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 32CA91 by changing the saturation by 10% instead.



 32CA91

 32CA91

FFFFFF

 00AE77

 76FFC7

 00935E

 95FFE3

 007846

 B3FFFF

 005E30

 D1FFFF

 00451A

 F0FFFF

 002F01

 001200

 000000

 32CA91

 32CA91

■ 1ECA89

■ 46CA99

■ 0ACA82

■ 5ACAA0

■ 00CA7E

■ 6FCAA8

■ 83CAAF

■ 97CAB7

■ ABCABE

■ BFCAC6

■ D4CACE

■ E8CAD5

# Harmonies

## Analogous

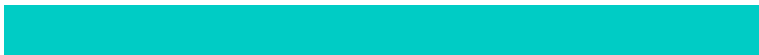
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86C364



32CA91



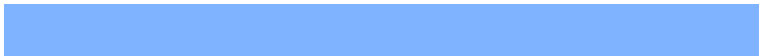
00CCC5

# Triad

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



32CA91



7FB2FF



FF9373

# Complementary

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



32CA91



CA326B

# 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.



FF88A1



32CA91



D09EFF

# Square

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



32CA91



00C1FF



FF8CD4



EAA552

# Rectangle

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



32CA91



00CBE6



FF8CD4



FF8E81

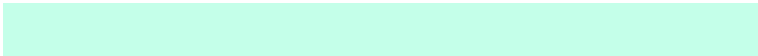


# Sweetspot

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



32CA91



C4FFE9



6CCA32



5C8072



000000



808080



# Same Dimension

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



32CA91



19FFA9



32B8CA



5C6662



00A668



002618



# Inverse Universe

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



CA326B



FF1970



CA4432



665C60



A6003E

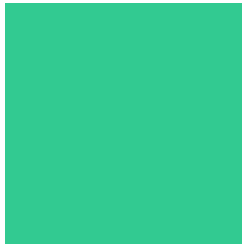


26000E



# Previews

## White Background



This preview shows how the Hex color 32CA91 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 32CA91 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 32CA91 Background



This preview shows how black text looks on a background with the Hex color 32CA91.

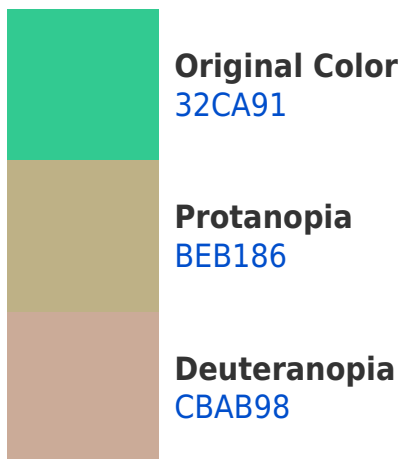


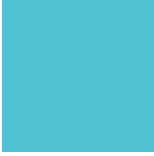
This preview shows how white text looks on a background with the Hex color 32CA91.

# 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**  
51C2D1

# Trichromacy



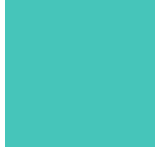
**Original Color**  
32CA91



**Protanomaly**  
8BBA8A



**Deuteranomaly**  
93B695



**Tritanomaly**  
46C5BA

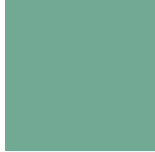
# Monochromacy



**Original Color**  
32CA91



**Achromatopsia**  
969696



**Achromatomaly**  
72A994

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32CA91 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 #32CA91 looks like.

```
.text, #text, p{  
    color:#32CA91  
}
```

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 #32CA91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32CA91
}
```

## Border

The CSS property to change the border of an element to Hex 32CA91 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
#32CA91 }
```

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

```
.border{ border-color:#32CA91 }
```

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

Here you see how a box with a 4 pixel #32CA91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32CA91; -webkit-box-shadow:4px 4px  
4px 4px #32CA91; box-shadow:4px 4px 4px  
4px #32CA91 }
```

# Background

The CSS property to change the background color of an element to Hex 32CA91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32CA91 }
```

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

```
.background{ background-color:#32CA91 }
```

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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