

Converting Colors

Hex(33B492)

Have a look what the booklet for
Hex(33B492) contains.

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Color

Hex(33B492)

Conversions

Conversions Part 1

Format	Color
Hex	33B492
RGB	51, 180, 146
RGB Percent	20%, 71%, 57%
CMY	0.8000, 0.2941, 0.4275
CMYK	0.72, 0.00, 0.19, 0.29
HSL	164°, 56%, 45%
HSV	164°, 72%, 71%
XYZ	22.8748, 35.4216, 32.8256
YIQ	137.5530, -65.9700, -37.9220

Conversions

Conversions Part 2

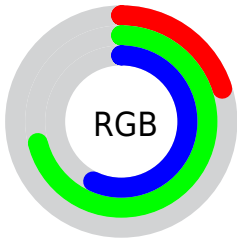
Format	Color
RYB	51, 125, 180
Decimal	3388562
CIELab	66.08, -42.76, 7.40
CIElCh	66, 43.399, 170.177
Yxy	35.4216, 0.2510, 0.3887
Android (android.graphics.Color)	4281578642 (0xFF33B492)
YUV	137.5530, 4.1644, -75.9070
Hunter-Lab	59.5161, -35.5473, 8.9604

Details

The Hex color **33B492** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B43355**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **73EDC8**, and **007E60** is the 20% darker color. If you saturate the color by 10%, you get **21B48D**, and if you desaturate by 10%, it is **45B497**.

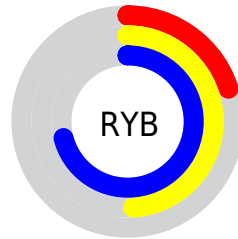
Distribution



Red (20%)

Green (71%)

Blue (57%)



Red (20%)

Yellow (49%)

Blue (71%)

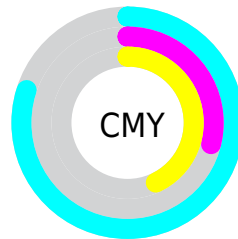


Cyan (72%)

Magenta (0%)

Yellow (19%)

Black (29%)



Cyan (80%)

Magenta (29%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33B492 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 33B492 by changing the saturation by 10% instead.



33B492



33B492

FFFFFF



009978



73EDC8



007E60



91FFE4



006448



AFFFFFF



004C31



CCFFFF



00341C



EFFFFFF



001E03



000000



33B492



33B492



21B48D



45B497

 0FB489

 57B49B

 00B485

 69B4A0

 7BB4A5

 8DB4AA

 9FB4AE

 B1B4B3

 C3B4B8

 D5B4BD

Harmonies

Analogous

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



71AF6D



33B492



00B5BA

Triad

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



33B492



909BEA



DF8C66

Complementary

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



33B492



B43355

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.



EB8288



33B492



C58DD3

Square

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



33B492



42A8ED



E382AF



C49A53

Rectangle

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



33B492



00B3D2



E382AF



E58870

Sweetspot

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



33B492



B7EBDD



55B433



57756D



F5F5F5



757575

Same Dimension

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



33B492



21EBB5



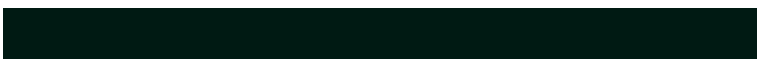
3396B4



505957



009971



001A13

Inverse Universe

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



B43355



EB2156



B45133



595053



990028



1A0007

Previews

White Background



This preview shows how the Hex color 33B492 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 33B492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

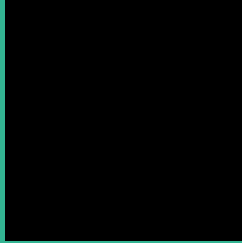
Any Text WCAG AA ✓ Pass

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 33B492 Background



This preview shows how black text looks on a background with the Hex color 33B492.

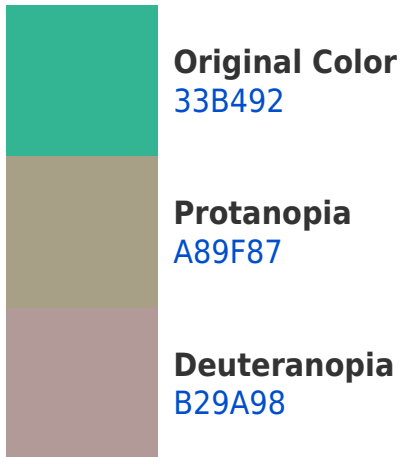


This preview shows how white text looks on a background with the Hex color 33B492.

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
48AEBC

Trichromacy



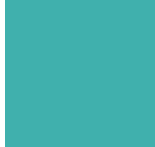
Original Color
33B492



Protanomaly
7DA78B



Deuteranomaly
84A396



Tritanomaly
40B0AD

Monochromacy



Original Color
33B492



Achromatopsia
8A8A8A



Achromatomaly
6A998D

CSS Examples

Text

The CSS property to change the color of the text to Hex 33B492 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 #33B492 looks like.

```
.text, #text, p{  
    color:#33B492  
}
```

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 #33B492 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33B492
}
```

Border

The CSS property to change the border of an element to Hex 33B492 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
#33B492 }
```

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

```
.border{ border-color:#33B492 }
```

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

Here you see how a box with a 4 pixel #33B492 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33B492; -webkit-box-shadow:4px 4px  
4px 4px #33B492; box-shadow:4px 4px 4px  
4px #33B492 }
```

Background

The CSS property to change the background color of an element to Hex 33B492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33B492 }
```

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

```
.background{ background-color:#33B492 }
```

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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