

# Converting Colors

Hex(32B66B)

Have a look what the booklet for  
Hex(32B66B) contains.

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**Color**

**Hex(32B66B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32B66B
RGB	50, 182, 107
RGB Percent	20%, 71%, 42%
CMY	0.8039, 0.2863, 0.5804
CMYK	0.73, 0.00, 0.41, 0.29
HSL	146°, 57%, 45%
HSV	146°, 73%, 71%
XYZ	20.6972, 35.1955, 19.6125
YIQ	133.9820, -54.5970, -51.3090

# Conversions

## Conversions Part 2

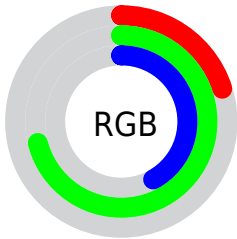
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 142, 182
Decimal	3323499
CIELab	65.90, -52.21, 28.26
CIELCh	66, 59.365, 151.576
Yxy	35.1955, 0.2741, 0.4661
Android (android.graphics.Color)	4281513579 (0xFF32B66B)
YUV	133.9820, -13.3021, -73.6522
Hunter-Lab	59.3258, -41.5464, 21.9274

# Details

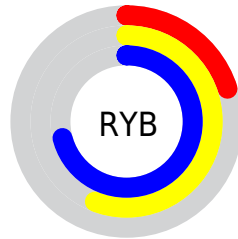
The Hex color **32B66B** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B6327D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **72EF9F**, and **00803A** is the 20% darker color. If you saturate the color by 10%, you get **20B661**, and if you desaturate by 10%, it is **44B675**.

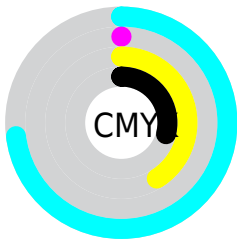
# Distribution



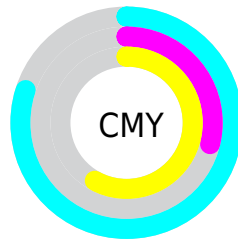
- Red (20%)
- Green (71%)
- Blue (42%)



- Red (20%)
- Yellow (56%)
- Blue (71%)



- Cyan (73%)
- Magenta (0%)
- Yellow (41%)
- Black (29%)



- Cyan (80%)
- Magenta (29%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32B66B 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 32B66B by changing the saturation by 10% instead.





32B66B



32B66B

FFFFFF



009B52



72EF9F



00803A



90FFBA



006623



ADFFD6



004D0C



CBFFF3



003500



E9FFFF



001D00



000000



32B66B



32B66B



20B661



44B675

 0EB656

 56B680

 00B64F

 69B68A

 7BB694

 8DB69F

 9FB6A9

 B1B6B3

 C4B6BE

 D6B6C8

# Harmonies

## Analogous

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



84AD3F



32B66B



00BAA1

# Triad

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



32B66B



1BA5FF



FE776B

# Complementary

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



32B66B



B6327D

# 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.



FF6F9F



32B66B



A591FB

# Square

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



32B66B



00B3FD



E37BD4



E48A41

# Rectangle

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



32B66B



00BAC6



E37BD4



FF727C



# Sweetspot

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



32B66B



B9EDD0



7FB632



597866



F7F7F7



787878



# Same Dimension

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



32B66B



1FED78



32B6AB



535C57



009C43



001C0C



# Inverse Universe

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



B6327D



ED1F94



B6323D



5C5358



9C0058



1C0010



# Previews

## White Background



This preview shows how the Hex color 32B66B looks on a white background.

## Color Contrast Check

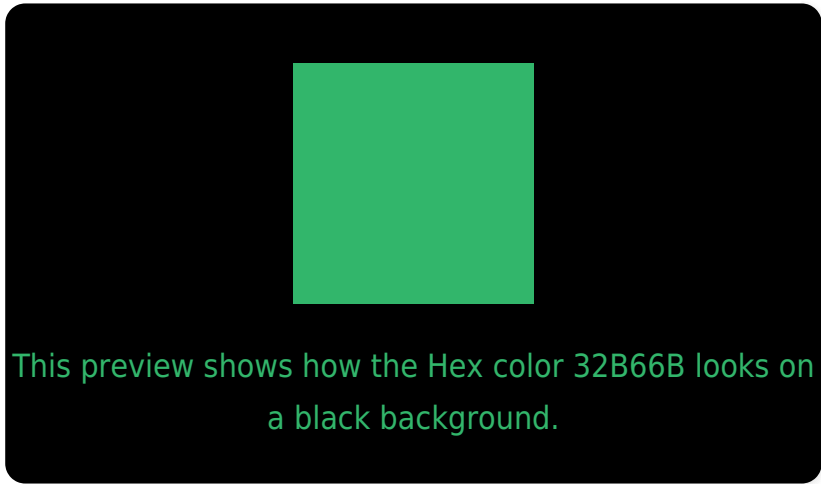
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

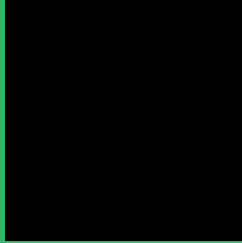
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 32B66B Background



This preview shows how black text looks on a background with the Hex color 32B66B.

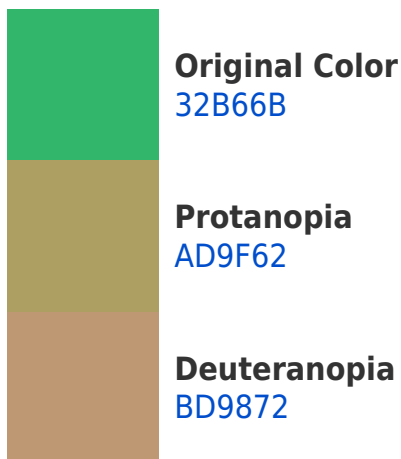


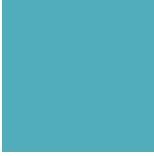
This preview shows how white text looks on a background with the Hex color 32B66B.

# 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**  
51ADBB

# Trichromacy



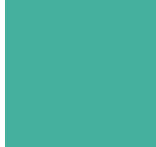
**Original Color**  
32B66B



**Protanomaly**  
80A765



**Deuteranomaly**  
8AA36F



**Tritanomaly**  
46B09E

# Monochromacy



**Original Color**  
32B66B



**Achromatopsia**  
868686



**Achromatomaly**  
67977C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32B66B 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 #32B66B looks like.

```
.text, #text, p{  
    color:#32B66B  
}
```

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 #32B66B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32B66B
}
```

## Border

The CSS property to change the border of an element to Hex 32B66B 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
#32B66B }
```

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

```
.border{ border-color:#32B66B }
```

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

Here you see how a box with a 4 pixel #32B66B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32B66B; -webkit-box-shadow:4px 4px  
4px 4px #32B66B; box-shadow:4px 4px 4px  
4px #32B66B }
```

# Background

The CSS property to change the background color of an element to Hex 32B66B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32B66B }
```

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

```
.background{ background-color:#32B66B }
```

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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