

# Converting Colors

Hex(32B032)

Have a look what the booklet for  
Hex(32B032) contains.

<b>Hex(32B032)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(32B032)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32B032
RGB	50, 176, 50
RGB Percent	20%, 69%, 20%
CMY	0.8039, 0.3098, 0.8039
CMYK	0.72, 0.00, 0.72, 0.31
HSL	120°, 56%, 44%
HSV	120°, 72%, 69%
XYZ	17.4164, 31.9591, 8.2684
YIQ	123.9620, -34.6500, -65.8980

# Conversions

## Conversions Part 2

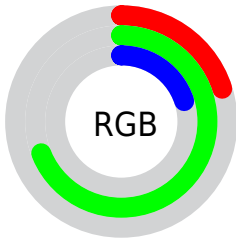
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 176, 176
Decimal	3321906
CIELab	63.31, -57.85, 52.05
CIELCh	63, 77.820, 138.025
Yxy	31.9591, 0.3021, 0.5544
Android (android.graphics.Color)	4281511986 (0xFF32B032)
YUV	123.9620, -36.4633, -64.8647
Hunter-Lab	56.5324, -43.9395, 30.9009

# Details

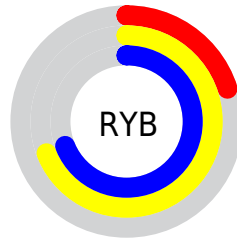
The Hex color **32B032** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **B032B0**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **73E967**, and **007A00** is the 20% darker color. If you saturate the color by 10%, you get **20B020**, and if you desaturate by 10%, it is **44B044**.

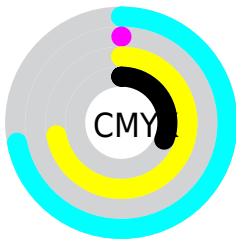
# Distribution



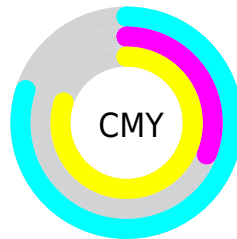
- Red (20%)
- Green (69%)
- Blue (20%)



- Red (20%)
- Yellow (69%)
- Blue (69%)



- Cyan (72%)
- Magenta (0%)
- Yellow (72%)
- Black (31%)



- Cyan (80%)
- Magenta (31%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32B032 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 32B032 by changing the saturation by 10% instead.



 32B032

 32B032

FFFFFF

 009513

 73E967

 007A00

 91FF82

 006000

 AEFF9E

 004700

 CCFFBA

 003100

 EAFFD6

 001400

 FFFFF3

 000000

 32B032

 32B032

 20B020

 44B044

 0FB00F

 55B055

 00B000

 67B067

 78B078

 8AB08A

 9CB09C

 ADB0AD

 BFB0BF

 D0B0D0

# Harmonies

## Analogous

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



91A300



32B032



00B77A

# Triad

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



32B032



00AAFF



FF4F73

# Complementary

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



32B032



B032B0

# 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.



FF51B8



32B032



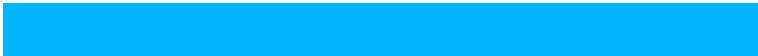
5093FF

# Square

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



32B032



00B5FF



CF72F7



FD6D32

# Rectangle

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



32B032



00B8AB



CF72F7



FF4A8A



# Sweetspot

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



32B032



B5E6B5



B0B032



567356



F2F2F2



737373



# Same Dimension

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



32B032



20E620



32B071



505950



009900



001A00



# Inverse Universe

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



B032B0



E620E6



B03271



595059



990099



1A001A



# Previews

## White Background



This preview shows how the Hex color 32B032 looks on a white background.

## Color Contrast Check

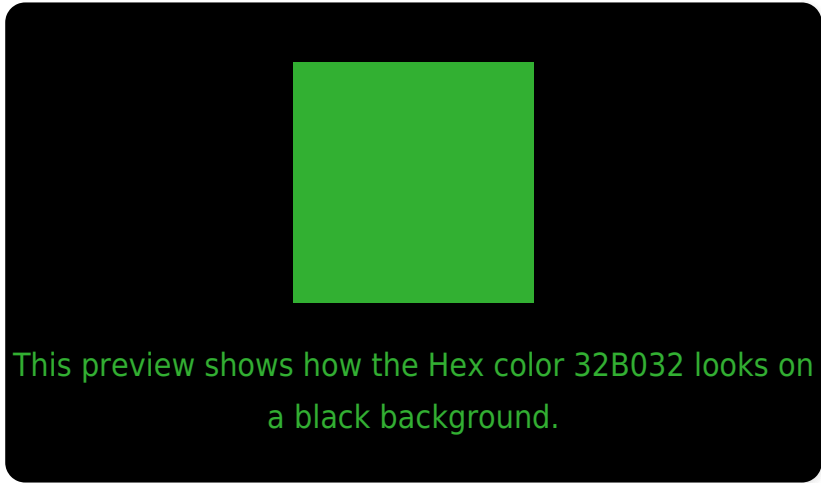
Large Text (above 18pt) WCAG AA × Fail

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 32B032 Background



This preview shows how black text looks on a background with the Hex color 32B032.

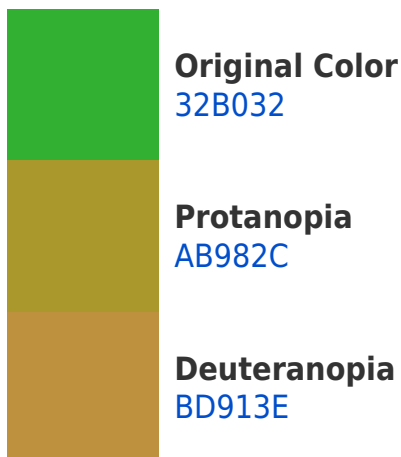


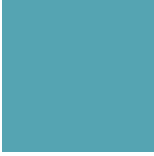
This preview shows how white text looks on a background with the Hex color 32B032.

# 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**  
55A4B2

# Trichromacy



**Original Color**  
32B032



**Protanomaly**  
7FA12E



**Deuteranomaly**  
8A9C3A



**Tritanomaly**  
48A883

# Monochromacy



**Original Color**  
32B032



**Achromatopsia**  
7C7C7C



**Achromatomaly**  
618F61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32B032 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 #32B032 looks like.

```
.text, #text, p{  
    color:#32B032  
}
```

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 #32B032 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32B032
}
```

## Border

The CSS property to change the border of an element to Hex 32B032 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
#32B032 }
```

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

```
.border{ border-color:#32B032 }
```

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

Here you see how a box with a 4 pixel #32B032 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32B032; -webkit-box-shadow:4px 4px  
4px 4px #32B032; box-shadow:4px 4px 4px  
4px #32B032 }
```

# Background

The CSS property to change the background color of an element to Hex 32B032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32B032 }
```

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

```
.background{ background-color:#32B032 }
```

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