

# Converting Colors

Hex(32734B)

Have a look what the booklet for  
Hex(32734B) contains.

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# Color

**Hex(32734B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32734B
RGB	50, 115, 75
RGB Percent	20%, 45%, 29%
CMY	0.8039, 0.5490, 0.7059
CMYK	0.57, 0.00, 0.35, 0.55
HSL	143°, 39%, 32%
HSV	143°, 57%, 45%
XYZ	8.7161, 13.4476, 8.7929
YIQ	91.0050, -25.9000, -26.2200

# Conversions

## Conversions Part 2

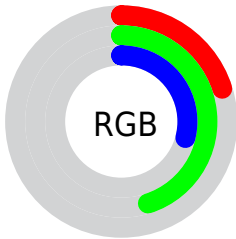
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 97, 115
Decimal	3306315
CIELab	43.43, -30.69, 16.02
CIELCh	43, 34.618, 152.438
Yxy	13.4476, 0.2816, 0.4344
Android (android.graphics.Color)	4281496395 (0xFF32734B)
YUV	91.0050, -7.8905, -35.9614
Hunter-Lab	36.6709, -21.7474, 11.4533

# Details

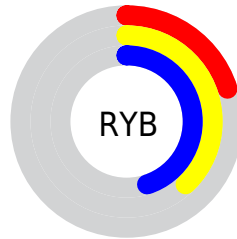
The Hex color **32734B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **73325A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **66A87C**, and **00421E** is the 20% darker color. If you saturate the color by 10%, you get **277344**, and if you desaturate by 10%, it is **3E7352**.

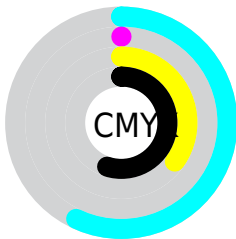
# Distribution



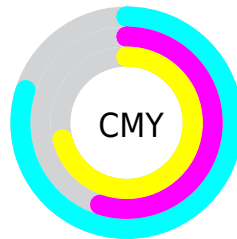
- Red (20%)
- Green (45%)
- Blue (29%)



- Red (20%)
- Yellow (38%)
- Blue (45%)



- Cyan (57%)
- Magenta (0%)
- Yellow (35%)
- Black (55%)



- Cyan (80%)
- Magenta (55%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32734B 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 32734B by changing the saturation by 10% instead.



 32734B

 32734B

FFFFFF

 165A34

 66A87C

 00421E

 80C396

 002B08

 9BDFB1

 001400

 B7FCCC

 000000

 D3FFE8

 F0FFFF

 32734B

 32734B

 277344

 3E7352

■ 1B733D

■ 497359

■ 107336

■ 557360

■ 04732F

■ 607367

■ 00732C

■ 6C736E

■ 777375

■ 83737D

■ 8E7384

■ 9A738B

# Harmonies

## Analogous

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



586E34



32734B



007568

# Triad

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



32734B



3869A0



9B5249

# Complementary

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



32734B



73325A

# 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.



9B4E65



32734B



6C5E97

# Square

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



32734B



007099



8C5482



8D5B34

# Rectangle

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



32734B



00757C



8C5482



9C5052



# Sweetspot

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



32734B



7D9687



5A7332



3D4D43



CCCCCC



4D4D4D



# Same Dimension

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



32734B



309657



32736B



353B37



007A2F



00FA60



# Inverse Universe

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



73325A



96306F



73323A



3B3538



7A004B



FA009A



# Previews

## White Background



This preview shows how the Hex color 32734B looks on a white background.

## Color Contrast Check

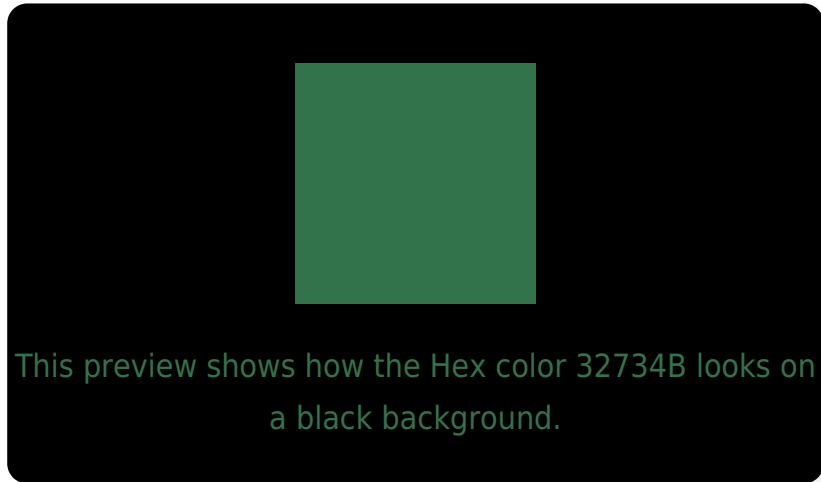
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

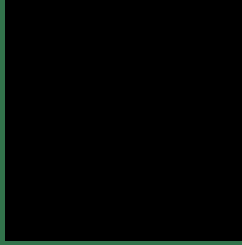
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 32734B Background



This preview shows how black text looks on a background with the Hex color 32734B.

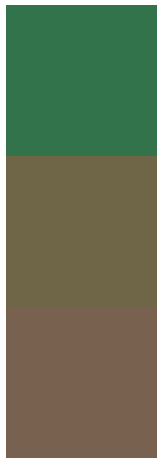


This preview shows how white text looks on a background with the Hex color 32734B.

# 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



**Original Color**  
32734B

**Protanopia**  
6E6646

**Deuteranopia**  
78624F



**Tritanopia**  
3E6E76

# Trichromacy



**Original Color**  
32734B

**Protanomaly**  
586B48

**Deuteranomaly**  
5F684E

**Tritanomaly**  
3A7066

# Monochromacy



**Original Color**  
32734B

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
4C6455

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32734B 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 #32734B looks like.

```
.text, #text, p{  
    color:#32734B  
}
```

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 #32734B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32734B
}
```

## Border

The CSS property to change the border of an element to Hex 32734B 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".

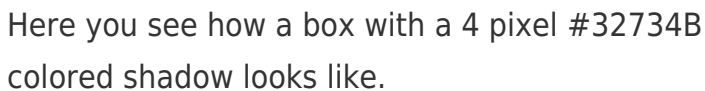
```
.border, #border, table{ border:4px solid
#32734B }
```

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

```
.border{ border-color:#32734B }
```

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

Here you see how a box with a 4 pixel #32734B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32734B; -webkit-box-shadow:4px 4px  
4px 4px #32734B; box-shadow:4px 4px 4px  
4px #32734B }
```

# Background

The CSS property to change the background color of an element to Hex 32734B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32734B }
```

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

```
.background{ background-color:#32734B }
```

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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