

# Converting Colors

Hex(35432B)

Have a look what the booklet for  
Hex(35432B) contains.

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# Color

**Hex(35432B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35432B
RGB	53, 67, 43
RGB Percent	21%, 26%, 17%
CMY	0.7922, 0.7373, 0.8314
CMYK	0.21, 0.00, 0.36, 0.74
HSL	95°, 22%, 22%
HSV	95°, 36%, 26%
XYZ	3.9114, 4.9456, 3.0339
YIQ	60.0780, -0.6400, -10.4320

# Conversions

## Conversions Part 2

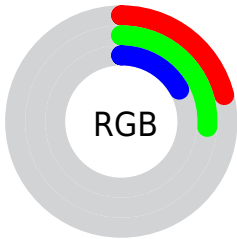
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	43, 67, 57
Decimal	3490603
CIE <sub>Lab</sub>	26.58, -10.91, 12.78
CIE <sub>LCh</sub>	27, 16.801, 130.482
Y <sub>xy</sub>	4.9456, 0.3289, 0.4159
Android (android.graphics.Color)	4281680683 (0xFF35432B)
<b>YUV</b>	60.0780, -8.4195, -6.2074
Hunter-Lab	22.2387, -7.5228, 7.4784

# Details

The Hex color **35432B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **392B43**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **647359**, and **091900** is the 20% darker color. If you saturate the color by 10%, you get **314324**, and if you desaturate by 10%, it is **394332**.

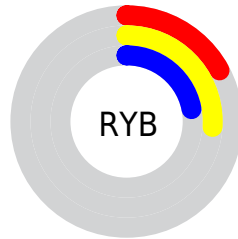
# Distribution



Red (21%)

Green (26%)

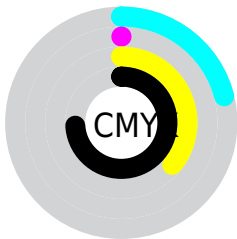
Blue (17%)



Red (17%)

Yellow (26%)

Blue (22%)

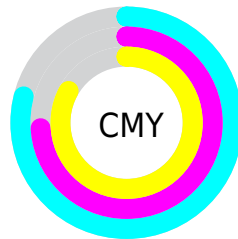


Cyan (21%)

Magenta (0%)

Yellow (36%)

Black (74%)



Cyan (79%)

Magenta (74%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35432B 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 35432B by changing the saturation by 10% instead.



 35432B

 35432B

FFFFFF

 1F2D16

 647359

 091900

 7D8D71

 000000

 97A78B

 B2C2A5

 CDDEC0

 EAFBDC

 FFFFF9

 35432B

 35432B

■ 314324

■ 394332

■ 2D431E

■ 3D4338

■ 294317

■ 41433F

■ 254310

■ 454346

■ 21430A

■ 49434D

■ 1E4303

■ 4C4353

■ 1C4300

■ 50435A

■ 544361

■ 584367

# Harmonies

## Analogous

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



434025



35432B



264536

# Triad

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



35432B



204257



58353B

# Complementary

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



35432B



392B43

# 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.



533648



35432B



343F58

# Square

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



35432B



12454F



463A52



56372F

# Rectangle

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



35432B



1B463F



463A52



57353F



# Sweetspot

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



35432B



51574D



43392B



282B26



ABABAB



2B2B2B



# Same Dimension

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



35432B



415731



2B432D



1F211E



286100



5DE000



# Inverse Universe

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



392B43



473157



432B41



201E21



390061



8300E0



# Previews

## White Background



This preview shows how the Hex color 35432B looks on a white background.

## Color Contrast Check

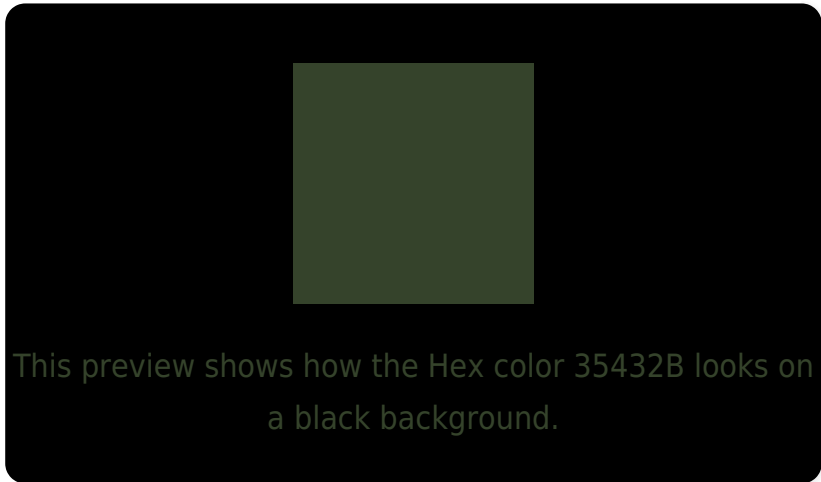
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

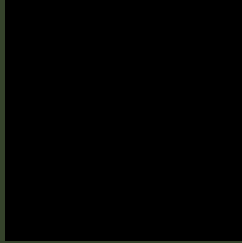
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

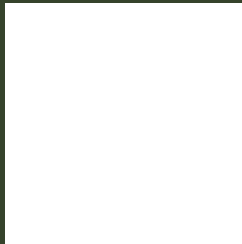
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 35432B Background



This preview shows how black text looks on a background with the Hex color 35432B.



This preview shows how white text looks on a background with the Hex color 35432B.

# 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](#).

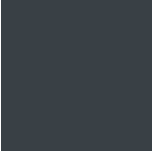
## Dichromacy



**Original Color**  
35432B

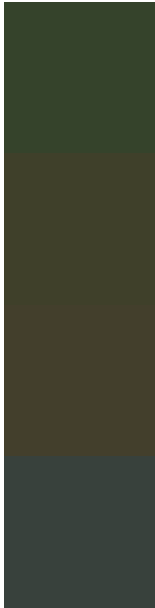
**Protanopia**  
443F29

**Deuteranopia**  
4B3C2D



**Tritanopia**  
394045

# Trichromacy



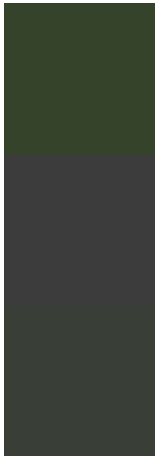
**Original Color**  
35432B

**Protanomaly**  
3F402A

**Deuteranomaly**  
433F2C

**Tritanomaly**  
38413C

# Monochromacy



**Original Color**  
35432B

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
393F36

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35432B 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 #35432B looks like.

```
.text, #text, p{  
    color:#35432B  
}
```

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 #35432B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35432B
}
```

## Border

The CSS property to change the border of an element to Hex 35432B is called "border". The border property can be set on classes, ids or directly on the HTML element.

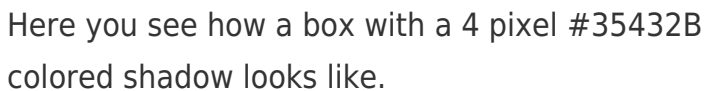
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#35432B }
```

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

```
.border{ border-color:#35432B }
```

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



Here you see how a box with a 4 pixel #35432B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35432B; -webkit-box-shadow:4px 4px  
4px 4px #35432B; box-shadow:4px 4px 4px  
4px #35432B }
```

# Background

The CSS property to change the background color of an element to Hex 35432B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35432B }
```

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

```
.background{ background-color:#35432B }
```

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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