

# Converting Colors

Hex(35432A)

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

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# Color

**Hex(35432A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35432A
RGB	53, 67, 42
RGB Percent	21%, 26%, 16%
CMY	0.7922, 0.7373, 0.8353
CMYK	0.21, 0.00, 0.37, 0.74
HSL	94°, 23%, 21%
HSV	94°, 37%, 26%
XYZ	3.8933, 4.9384, 2.9385
YIQ	59.9640, -0.3190, -10.7430

# Conversions

## Conversions Part 2

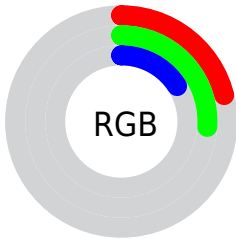
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 67, 56
Decimal	3490602
CIE <sub>Lab</sub>	26.56, -11.08, 13.39
CIE <sub>LCh</sub>	27, 17.380, 129.628
Yxy	4.9384, 0.3308, 0.4196
Android (android.graphics.Color)	4281680682 (0xFF35432A)
YUV	59.9640, -8.8563, -6.1074
Hunter-Lab	22.2224, -7.6168, 7.7157

# Details

The Hex color **35432A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **382A43**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **647358**, and **081900** is the 20% darker color. If you saturate the color by 10%, you get **314323**, and if you desaturate by 10%, it is **394331**.

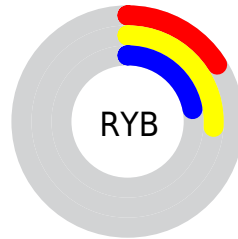
# Distribution



Red (21%)

Green (26%)

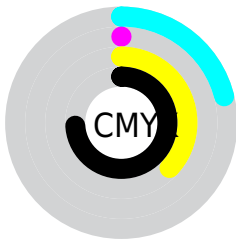
Blue (16%)



Red (16%)

Yellow (26%)

Blue (22%)

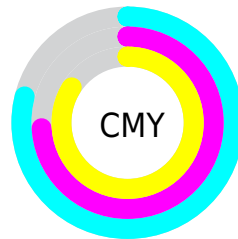


Cyan (21%)

Magenta (0%)

Yellow (37%)

Black (74%)



Cyan (79%)

Magenta (74%)

Yellow (84%)

# Brightness & Saturation Gradients

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



■ 35432A

■ 35432A

FFFFFF

■ 1F2D15

■ 647358

■ 081900

■ 7D8D70

■ 000000

■ 97A78A

■ B2C2A4

■ CEDEBF

■ EAFBDB

■ FFFFF7

■ 35432A

■ 35432A

■ 314323

■ 394331

■ 2D431D

■ 3D4337

■ 2A4316

■ 40433E

■ 26430F

■ 444345

■ 224309

■ 48434C

■ 1E4302

■ 4C4352

■ 1D4300

■ 4F4359

■ 534360

■ 574366

# Harmonies

## Analogous

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



443F24



35432A



254535

# Triad

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



35432A



1E4357



59353B

# Complementary

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



35432A



382A43

# 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



35432A



333F59

# Square

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



35432A



0E454F



463A53



57372F

# Rectangle

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



35432A



1A463E



463A53



58353F



# Sweetspot

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



35432A



51574D



43382A



282B26



ABABAB



2B2B2B



# Same Dimension

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



35432A



415730



2A432B



1F211E



2B6100



63E000



# Inverse Universe

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



382A43



463057



432A42



201E21



360061

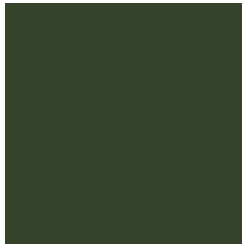


7E00E0



# Previews

## White Background



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

## Color Contrast Check

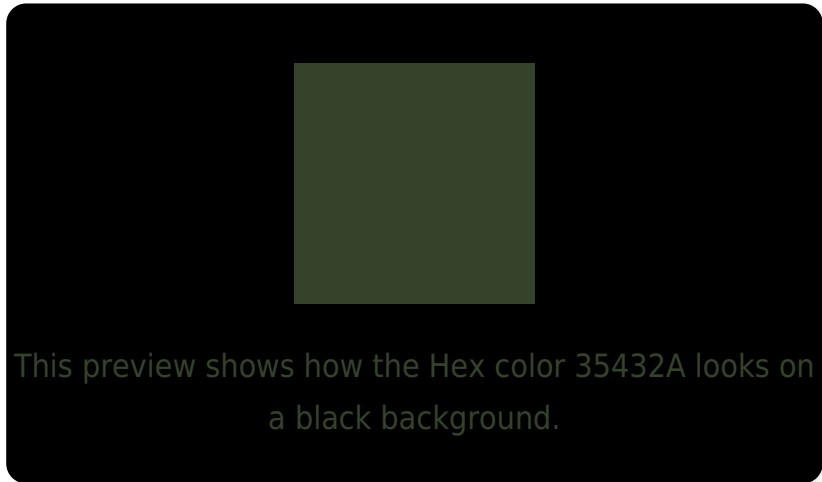
Large Text (above 18pt) WCAG AA ✓ Pass

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

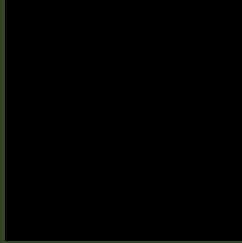
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

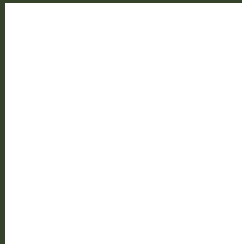
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 35432A Background



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



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

# 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](#).

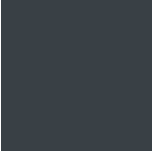
## Dichromacy



**Original Color**  
35432A

**Protanopia**  
443F28

**Deuteranopia**  
4B3C2C



**Tritanopia**  
394045

# Trichromacy



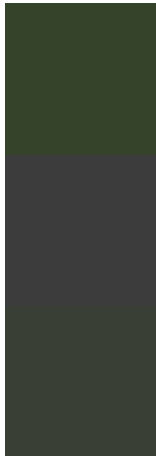
**Original Color**  
35432A

**Protanomaly**  
3F4029

**Deuteranomaly**  
433F2B

**Tritanomaly**  
38413B

# Monochromacy



**Original Color**  
35432A

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
393F35

# CSS Examples

## Text

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

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

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 #35432A colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Hex 35432A 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".

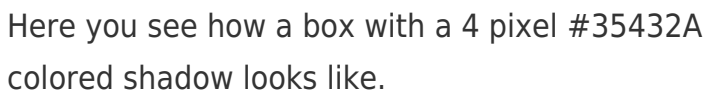
```
.border, #border, table{ border:4px solid
#35432A }
```

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

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

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

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



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

# Background

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

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

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

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

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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