

# Converting Colors

Hex(50342B)

Have a look what the booklet for  
Hex(50342B) contains.

<b>Hex(50342B)</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(50342B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50342B
RGB	80, 52, 43
RGB Percent	31%, 20%, 17%
CMY	0.6863, 0.7961, 0.8314
CMYK	0.00, 0.35, 0.46, 0.69
HSL	15°, 30%, 24%
HSV	15°, 46%, 31%
XYZ	4.9723, 4.3359, 2.8603
YIQ	59.3460, 19.5770, 3.1370

# Conversions

## Conversions Part 2

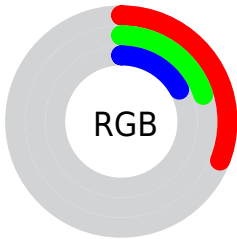
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 55, 43
Decimal	5256235
CIE Lab	24.75, 11.34, 10.81
CIE LCh	25, 15.669, 43.612
Yxy	4.3359, 0.4086, 0.3563
Android (android.graphics.Color)	4283446315 (0xFF50342B)
YUV	59.3460, -8.0586, 18.1136
Hunter-Lab	20.8228, 6.1845, 6.4315




# Details

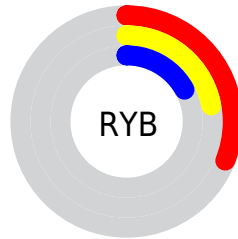
The Hex color **50342B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2B4750**, and the grayscale version is **3B3B3B**.




A 20% lighter version of the original color is **836358**, and **230800** is the 20% darker color. If you saturate the color by 10%, you get **502E23**, and if you desaturate by 10%, it is **503A33**.

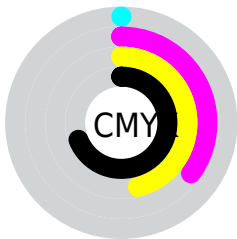
# Distribution







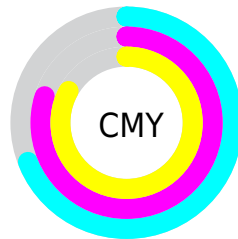
-  Red (31%)
-  Green (20%)
-  Blue (17%)






-  Red (31%)
-  Yellow (22%)
-  Blue (17%)



-  Cyan (0%)
-  Magenta (35%)
-  Yellow (46%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (80%)
-  Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 50342B 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 50342B by changing the saturation by 10% instead.





50342B



50342B

FFFFFF



381F16



836358



230800



9D7C71



000000



B8958A



D4B0A5



F1CCC0



FFE8DC



FFFFFF8



50342B



50342B

■ 502E23

■ 503A33

■ 50281B

■ 50403B

■ 502213

■ 504643

■ 501C0B

■ 504C4B

■ 501603

■ 505253

■ 501300

■ 50585B

■ 505E63

■ 50646B

■ 506A73

# Harmonies

## Analogous

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



523236



50342B



493824

# Triad

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



50342B



224134



333A52

# Complementary

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



50342B



2B4750

# 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.



213E51



50342B



154140

# Square

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



50342B



303F29



13404B



43364C

# Rectangle

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



50342B



413A23



13404B



2D3B52



# Sweetspot

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



50342B



695D5A



502B47



362F2C



B5B5B5



363636



# Same Dimension

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



50342B



693C2E



50462B



292625



691900



E83800



# Inverse Universe

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



2B4750



2E5A69



2B3550



252829



004F69



00B0E8



# Previews

## White Background



This preview shows how the Hex color 50342B looks on a white background.

## Color Contrast Check

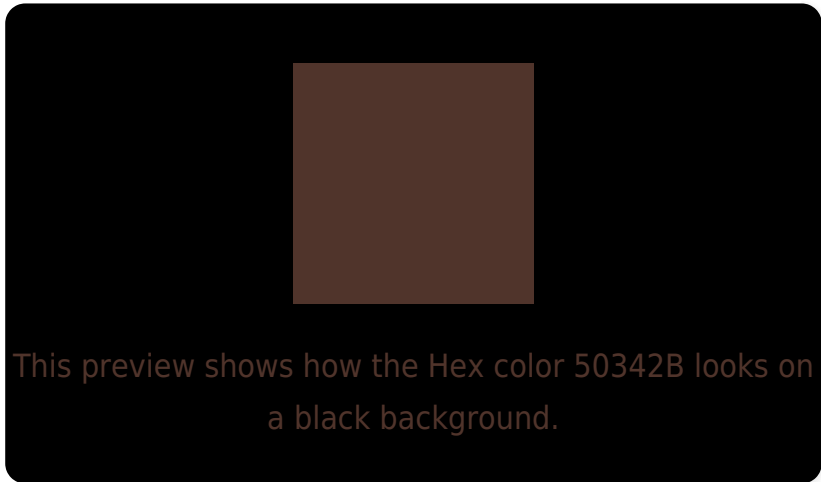
Large Text (above 18pt) WCAG AA ✓ Pass

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

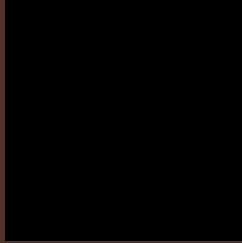
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 50342B Background



This preview shows how black text looks on a background with the Hex color 50342B.

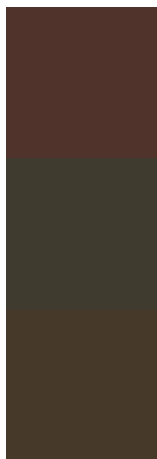


This preview shows how white text looks on a background with the Hex color 50342B.

# 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**  
50342B

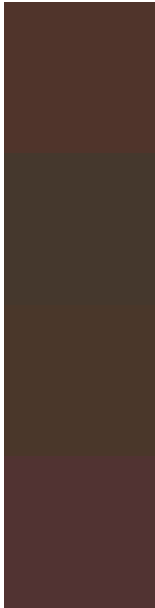
**Protanopia**  
3F3B2E

**Deuteranopia**  
46392A



**Tritanopia**  
513236

# Trichromacy



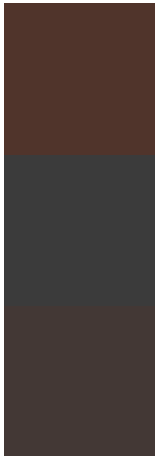
**Original Color**  
50342B

**Protanomaly**  
45382D

**Deuteranomaly**  
4A372A

**Tritanomaly**  
513332

# Monochromacy



**Original Color**  
50342B

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
433835

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 50342B 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 #50342B looks like.

```
.text, #text, p{  
    color:#50342B  
}
```

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 #50342B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50342B
}
```

## Border

The CSS property to change the border of an element to Hex 50342B is called "border". The border property can be set on classes, ids or directly on the HTML element.

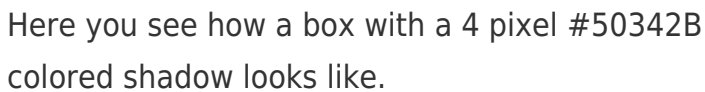
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50342B }
```

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

```
.border{ border-color:#50342B }
```

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



Here you see how a box with a 4 pixel #50342B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50342B; -webkit-box-shadow:4px 4px  
4px 4px #50342B; box-shadow:4px 4px 4px  
4px #50342B }
```

# Background

The CSS property to change the background color of an element to Hex 50342B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50342B }
```

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

```
.background{ background-color:#50342B }
```

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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