

# Converting Colors

Hex(65362B)

Have a look what the booklet for  
Hex(65362B) contains.

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**Color**

**Hex(65362B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	65362B
RGB	101, 54, 43
RGB Percent	40%, 21%, 17%
CMY	0.6039, 0.7882, 0.8314
CMYK	0.00, 0.47, 0.57, 0.60
HSL	11°, 40%, 28%
HSV	11°, 57%, 40%
XYZ	7.1220, 5.5795, 2.9871
YIQ	66.7990, 31.5430, 6.5430

# Conversions

## Conversions Part 2

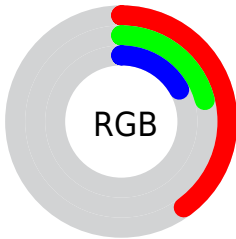
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 57, 43
Decimal	6633003
CIELab	28.33, 19.74, 16.10
CIELCh	28, 25.472, 39.214
Yxy	5.5795, 0.4540, 0.3556
Android (android.graphics.Color)	4284823083 (0xFF65362B)
YUV	66.7990, -11.7329, 29.9943
Hunter-Lab	23.6209, 12.4839, 9.0369

# Details

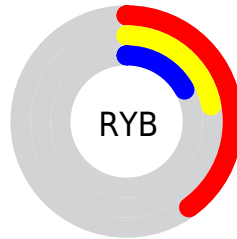
The Hex color **65362B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2B5A65**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **9B6659**, and **330A00** is the 20% darker color. If you saturate the color by 10%, you get **652E21**, and if you desaturate by 10%, it is **653E35**.

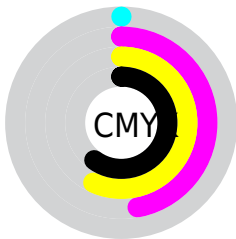
# Distribution



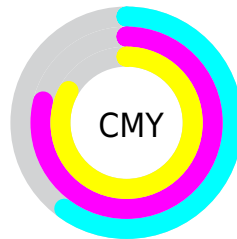
- Red (40%)
- Green (21%)
- Blue (17%)



- Red (40%)
- Yellow (22%)
- Blue (17%)



- Cyan (0%)
- Magenta (47%)
- Yellow (57%)
- Black (60%)



- Cyan (60%)
- Magenta (79%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65362B 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 65362B by changing the saturation by 10% instead.



 65362B

 65362B

FFFFFF

 4B2016

 9B6659

 330A00

 B67F71

 190001

 D3998B

 000000

 F0B4A5

 FFCFC0

 FFECD C

 FFFFF8

 65362B

 65362B

■ 652E21

■ 653E35

■ 652617

■ 65463F

■ 651D0D

■ 654F49

■ 651503

■ 655753

■ 651300

■ 655F5E

■ 656768

■ 656F72

■ 65777C

■ 658086

# Harmonies

## Analogous

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



68323D



65362B



5A3D1E

# Triad

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



65362B



174C34



2D4369

# Complementary

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



65362B



2B5A65

# 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.



004967



65362B



004D48

# Square

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



65362B



344923



004C5B



4C3B61

# Rectangle

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



65362B



4F421A



004C5B



1F456A



# Sweetspot

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



65362B



82706C



652B5A



423835



C2C2C2



424242



# Same Dimension

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



65362B



823928



65532B



332F2E



731600



F22E00



# Inverse Universe

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



2B5A65



287182



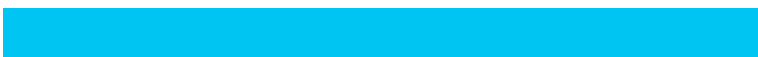
2B3D65



2E3233



005D73



00C4F2



# Previews

## White Background



This preview shows how the Hex color 65362B looks on a white background.

## Color Contrast Check

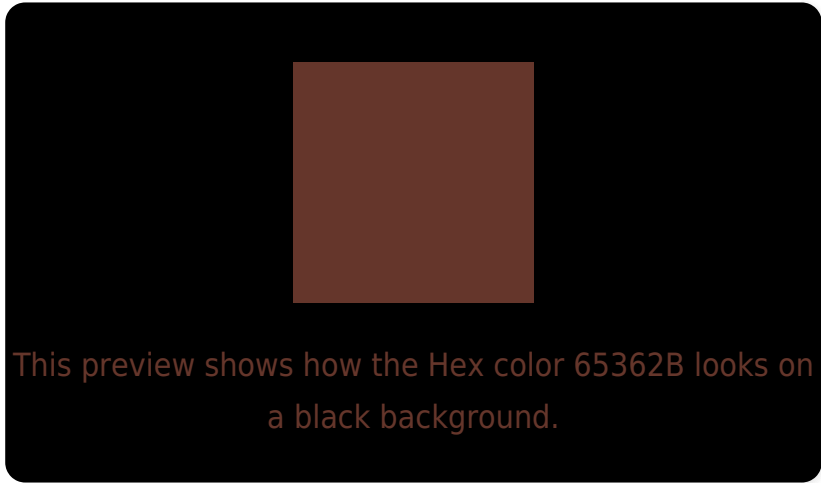
Large Text (above 18pt) WCAG AA ✓ Pass

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

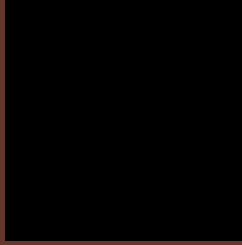
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 65362B Background



This preview shows how black text looks on a background with the Hex color 65362B.

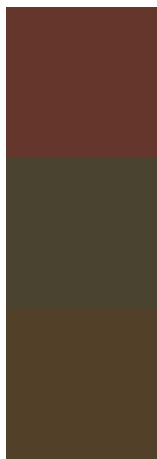


This preview shows how white text looks on a background with the Hex color 65362B.

# 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**  
65362B

**Protanopia**  
494330

**Deuteranopia**  
524029



**Tritanopia**  
663438

# Trichromacy



**Original Color**

65362B

**Protanomaly**

533E2E

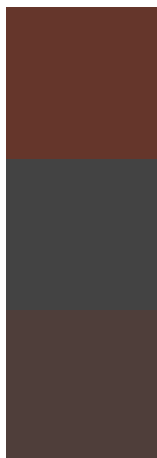
**Deuteranomaly**

593C2A

**Tritanomaly**

663533

# Monochromacy



**Original Color**

65362B

**Achromatopsia**

434343

**Achromatomaly**

4F3E3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65362B 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 #65362B looks like.

```
.text, #text, p{  
    color:#65362B  
}
```

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 #65362B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65362B
}
```

## Border

The CSS property to change the border of an element to Hex 65362B 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".

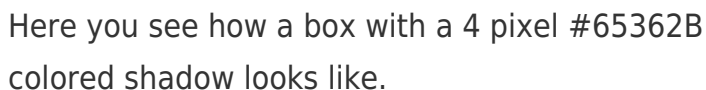
```
.border, #border, table{ border:4px solid
#65362B }
```

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

```
.border{ border-color:#65362B }
```

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

Here you see how a box with a 4 pixel #65362B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65362B; -webkit-box-shadow:4px 4px  
4px 4px #65362B; box-shadow:4px 4px 4px  
4px #65362B }
```

# Background

The CSS property to change the background color of an element to Hex 65362B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65362B }
```

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

```
.background{ background-color:#65362B }
```

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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