

# Converting Colors

Hex(5B622E)

Have a look what the booklet for  
Hex(5B622E) contains.

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**Color**

**Hex(5B622E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B622E
RGB	91, 98, 46
RGB Percent	36%, 38%, 18%
CMY	0.6431, 0.6157, 0.8196
CMYK	0.07, 0.00, 0.53, 0.62
HSL	68°, 36%, 28%
HSV	68°, 53%, 38%
XYZ	9.1752, 11.1568, 4.2547
YIQ	89.9790, 12.5200, -17.6560

# Conversions

## Conversions Part 2

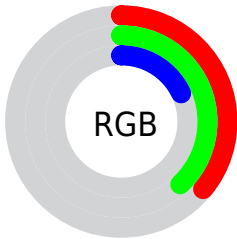
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 98, 53
Decimal	5988910
CIELab	39.84, -11.34, 28.41
CIELCh	40, 30.592, 111.753
Yxy	11.1568, 0.3732, 0.4538
Android (android.graphics.Color)	4284178990 (0xFF5B622E)
YUV	89.9790, -21.6816, 0.8954
Hunter-Lab	33.4017, -9.4205, 15.8290

# Details

The Hex color **5B622E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **352E62**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **8E955D**, and **2C3400** is the 20% darker color. If you saturate the color by 10%, you get **5A6224**, and if you desaturate by 10%, it is **5C6238**.

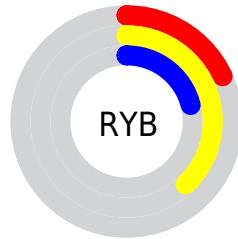
# Distribution



Red (36%)

Green (38%)

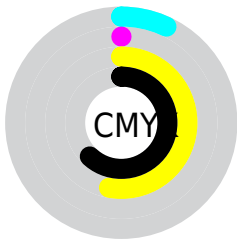
Blue (18%)



Red (18%)

Yellow (38%)

Blue (21%)

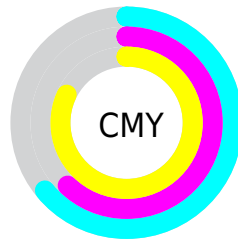


Cyan (7%)

Magenta (0%)

Yellow (53%)

Black (62%)



Cyan (64%)

Magenta (62%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B622E 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 5B622E by changing the saturation by 10% instead.



 5B622E

 5B622E

FFFFFF

 434A17

 8E955D

 2C3400

 A9AF77

 151F00

 C5CB90

 000000

 E1E7AB

 FEFFC7

 FFFF E3

 5B622E

 5B622E

 5A6224

 5C6238

■ 58621A

■ 5E6242

■ 576211

■ 5F624B

■ 566207

■ 606255

■ 556200

■ 62625F

■ 636269

■ 646273

■ 66627C

■ 676286

# Harmonies

## Analogous

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



735A2C



5B622E



3E673E

# Triad

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



5B622E



006884



894A66

# Complementary

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



5B622E



352E62

# 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.



76507D



5B622E



22638F

# Square

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



5B622E



006B70



555A8C



8D4A4D

# Rectangle

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



5B622E



246A4D



555A8C



844C6E



# Sweetspot

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



5B622E



7D806B



62352E



3E4034



BFBFBF



404040



# Same Dimension

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



5B622E



75802E



41622E



30302C



617000



CFF000



# Inverse Universe

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



352E62



392E80



4F2E62



2C2C30



0F0070



2000F0



# Previews

## White Background



This preview shows how the Hex color 5B622E looks on a white background.

## Color Contrast Check

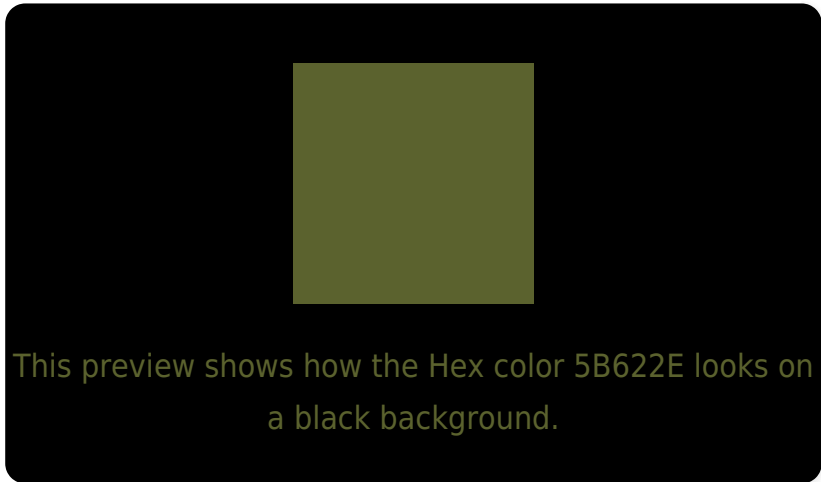
Large Text (above 18pt) WCAG AA ✓ Pass

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

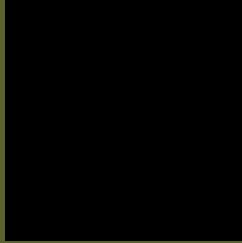
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B622E Background



This preview shows how black text looks on a background with the Hex color 5B622E.



This preview shows how white text looks on a background with the Hex color 5B622E.

# 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**  
5B622E

**Protanopia**  
685E2D

**Deuteranopia**  
735930



**Tritanopia**  
615C64

# Trichromacy



**Original Color**  
5B622E

**Protanomaly**  
635F2D

**Deuteranomaly**  
6A5C2F

**Tritanomaly**  
5F5E50

# Monochromacy



**Original Color**  
5B622E

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
5A5D4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B622E 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 #5B622E looks like.

```
.text, #text, p{  
    color:#5B622E  
}
```

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 #5B622E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B622E
}
```

## Border

The CSS property to change the border of an element to Hex 5B622E is called "border". The border property can be set on classes, ids or directly on the HTML element.

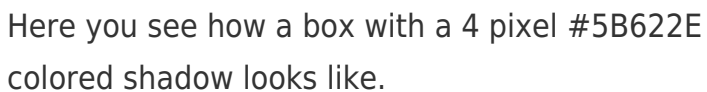
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B622E }
```

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

```
.border{ border-color:#5B622E }
```

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



Here you see how a box with a 4 pixel #5B622E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B622E; -webkit-box-shadow:4px 4px  
4px 4px #5B622E; box-shadow:4px 4px 4px  
4px #5B622E }
```

# Background

The CSS property to change the background color of an element to Hex 5B622E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B622E }
```

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

```
.background{ background-color:#5B622E }
```

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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