

# Converting Colors

Hex(5B624A)

Have a look what the booklet for  
Hex(5B624A) contains.

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# Color

Hex(5B624A)

# Conversions

## Conversions Part 1

Format	Color
Hex	5B624A
RGB	91, 98, 74
RGB Percent	36%, 38%, 29%
CMY	0.6431, 0.6157, 0.7098
CMYK	0.07, 0.00, 0.24, 0.62
HSL	78°, 14%, 34%
HSV	78°, 24%, 38%
XYZ	9.9181, 11.4539, 8.1667
YIQ	93.1710, 3.5320, -8.9480

# Conversions

## Conversions Part 2

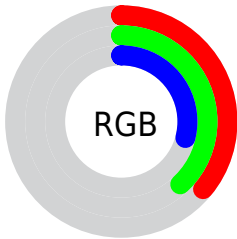
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 98, 81
Decimal	5988938
CIE <sub>Lab</sub>	40.33, -7.43, 12.78
CIE <sub>LCh</sub>	40, 14.784, 120.150
Yxy	11.4539, 0.3358, 0.3878
Android (android.graphics.Color)	4284179018 (0xFF5B624A)
YUV	93.1710, -9.4513, -1.9040
Hunter-Lab	33.8436, -6.9158, 9.3836

# Details

The Hex color **5B624A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **514A62**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8D957B**, and **2D341E** is the 20% darker color. If you saturate the color by 10%, you get **586240**, and if you desaturate by 10%, it is **5E6254**.

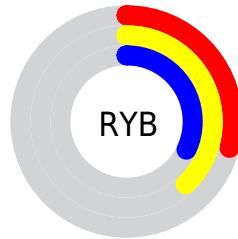
# Distribution



Red (36%)

Green (38%)

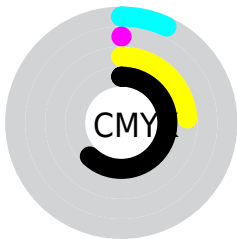
Blue (29%)



Red (29%)

Yellow (38%)

Blue (32%)

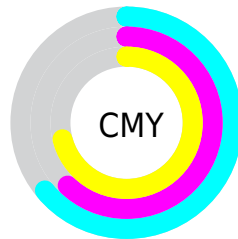


Cyan (7%)

Magenta (0%)

Yellow (24%)

Black (62%)



Cyan (64%)

Magenta (62%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B624A 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 5B624A by changing the saturation by 10% instead.





5B624A



5B624A

FFFFFF



434A33



8D957B



2D341E



A8AF95



191E06



C3CBAF



000200



DFE7CB



000000



FCFE7



5B624A



5B624A



586240



5E6254



556236



61625E

■ 52622D

■ 646267

■ 506223

■ 666271

■ 4D6219

■ 69627B

■ 4A620F

■ 6C6285

■ 476205

■ 6F628F

■ 456200

■ 726298

■ 7562A2

# Harmonies

## Analogous

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



685E47



5B624A



4D6553

# Triad

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



5B624A



436474



77565F

# Complementary

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



5B624A



514A62

# 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.



6F586B



5B624A



516077

# Square

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



5B624A



3D666B



615C74



785753

# Rectangle

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



5B624A



45665B



615C74



755764



# Sweetspot

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



5B624A



7D8077



62514A



3E403B



BFBFBF



404040



# Same Dimension

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



5B624A



75805B



4F624A



2F302C



4F7000



AAF000



# Inverse Universe

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



514A62



655B80



5D4A62



2D2C30



210070

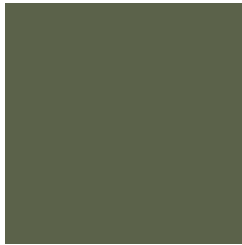


4600F0



# Previews

## White Background



This preview shows how the Hex color 5B624A looks on a white background.

## Color Contrast Check

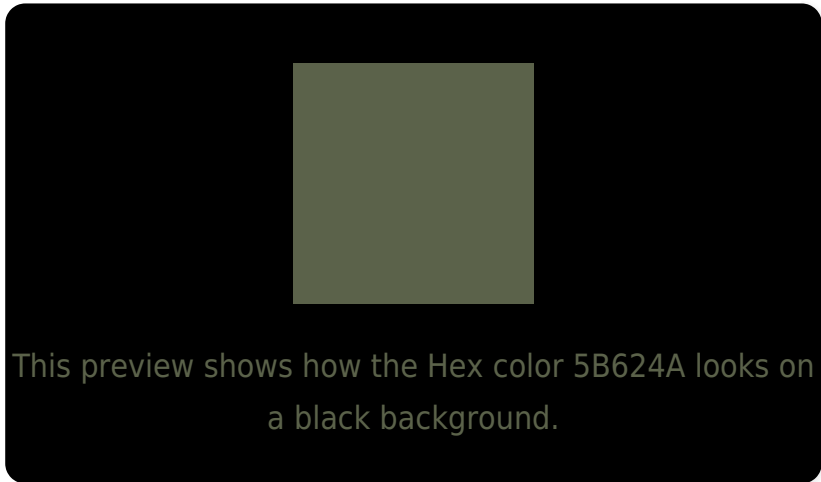
Large Text (above 18pt) WCAG AA ✓ Pass

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

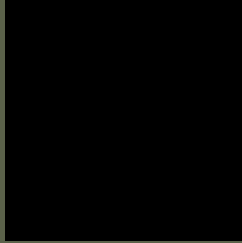
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B624A Background



This preview shows how black text looks on a background with the Hex color 5B624A.



This preview shows how white text looks on a background with the Hex color 5B624A.

# 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**  
5B624A

**Protanopia**  
655F49

**Deuteranopia**  
6F5B4B



**Tritanopia**  
5F5E66

# Trichromacy



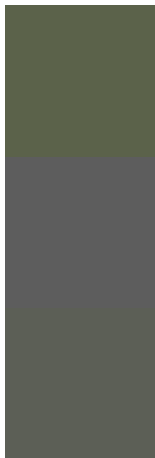
**Original Color**  
5B624A

**Protanomaly**  
616049

**Deuteranomaly**  
685E4B

**Tritanomaly**  
5E5F5C

# Monochromacy



**Original Color**  
5B624A

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
5C5F56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B624A 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 #5B624A looks like.

```
.text, #text, p{  
    color:#5B624A  
}
```

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 #5B624A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B624A
}
```

## Border

The CSS property to change the border of an element to Hex 5B624A 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
#5B624A }
```

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

```
.border{ border-color:#5B624A }
```

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

Here you see how a box with a 4 pixel #5B624A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B624A; -webkit-box-shadow:4px 4px  
4px 4px #5B624A; box-shadow:4px 4px 4px  
4px #5B624A }
```

# Background

The CSS property to change the background color of an element to Hex 5B624A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B624A }
```

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

```
.background{ background-color:#5B624A }
```

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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