

# Converting Colors

Hex(527A5B)

Have a look what the booklet for  
Hex(527A5B) contains.

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# Color

Hex(527A5B)

# Conversions

## Conversions Part 1

Format	Color
Hex	527A5B
RGB	82, 122, 91
RGB Percent	32%, 48%, 36%
CMY	0.6784, 0.5216, 0.6431
CMYK	0.33, 0.00, 0.25, 0.52
HSL	134°, 20%, 40%
HSV	134°, 33%, 48%
XYZ	12.3275, 16.4682, 12.4265
YIQ	106.5060, -13.8890, -18.1210

# Conversions

## Conversions Part 2

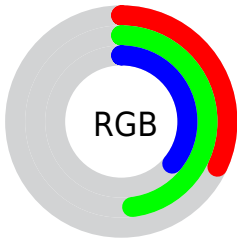
Format	Color
<a href="#">RYB</a>	<a href="#">82, 115, 122</a>
Decimal	<a href="#">5405275</a>
CIELab	<a href="#">47.58, -20.97, 12.61</a>
CIELCh	<a href="#">48, 24.471, 148.973</a>
Yxy	<a href="#">16.4682, 0.2991, 0.3995</a>
Android (android.graphics.Color)	<a href="#">4283595355 (0xFF527A5B)</a>
YUV	<a href="#">106.5060, -7.6445, -21.4918</a>
Hunter-Lab	<a href="#">40.5811, -16.7930, 10.2513</a>

# Details

The Hex color **527A5B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7A5271**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **85AF8D**, and **23492D** is the 20% darker color. If you saturate the color by 10%, you get **467A52**, and if you desaturate by 10%, it is **5E7A64**.

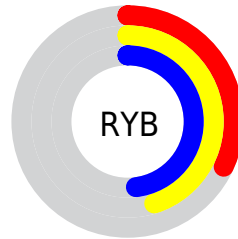
# Distribution



Red (32%)

Green (48%)

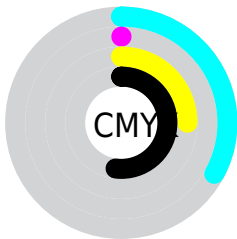
Blue (36%)



Red (32%)

Yellow (45%)

Blue (48%)

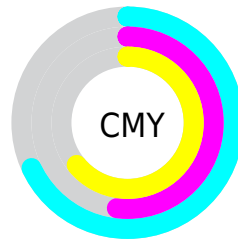


Cyan (33%)

Magenta (0%)

Yellow (25%)

Black (52%)



Cyan (68%)

Magenta (52%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 527A5B 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 527A5B by changing the saturation by 10% instead.





527A5B



527A5B

FFFFFF



3A6143



85AF8D



23492D



9FCAA8



0A3218



BAE6C3



001E00



D6FFDF



000000



F3FFFB



527A5B



527A5B



467A52



5E7A64



3A7A48



6A7A6E

■ 2D7A3F

■ 777A77

■ 217A35

■ 837A81

■ 157A2C

■ 8F7A8A

■ 097A22

■ 9B7A94

■ 007A1B

■ A77A9D

■ B47AA7

■ C07AB0

# Harmonies

## Analogous

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



6A764C



527A5B



3A7C6F

# Triad

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



527A5B



54739A



99635E

# Complementary

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



527A5B



7A5271

# 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.



986172



527A5B



736C95

# Square

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



527A5B



357994



8A6586



90684E

# Rectangle

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



527A5B



2D7C7E



8A6586



9A6264



# Sweetspot

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



527A5B



8E9E92



717A52



464F48



CFCFCF



4F4F4F



# Same Dimension

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



527A5B



609E6E



527A6F



373D38



007D1C



00FC39



# Inverse Universe

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



7A5271



9E6090



7A525D



3D373C



7D0061

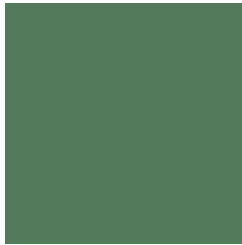


FC00C4



# Previews

## White Background



This preview shows how the Hex color 527A5B looks on a white background.

## Color Contrast Check

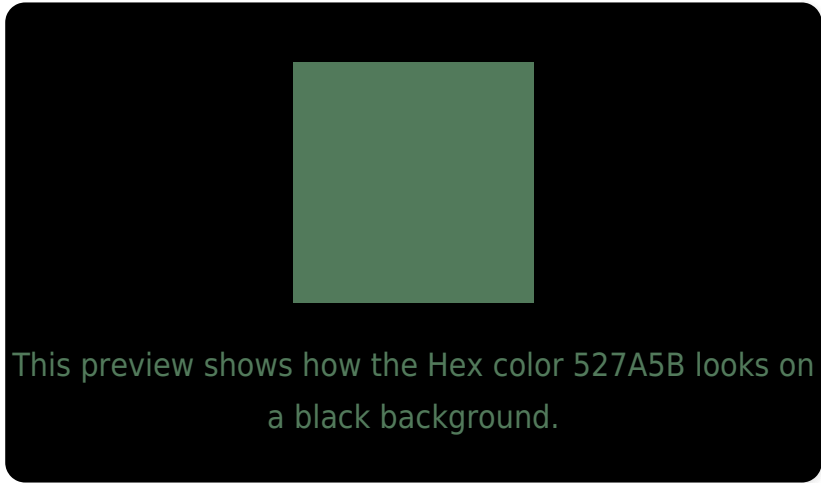
Large Text (above 18pt) WCAG AA ✓ Pass

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

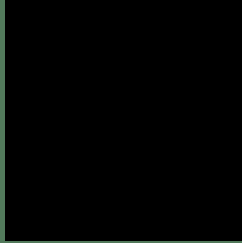
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 527A5B Background



This preview shows how black text looks on a background with the Hex color 527A5B.



This preview shows how white text looks on a background with the Hex color 527A5B.

# 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**  
527A5B

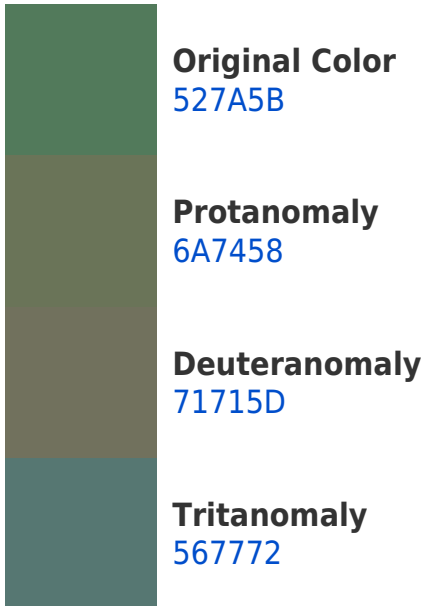
**Protanopia**  
787056

**Deuteranopia**  
826C5E

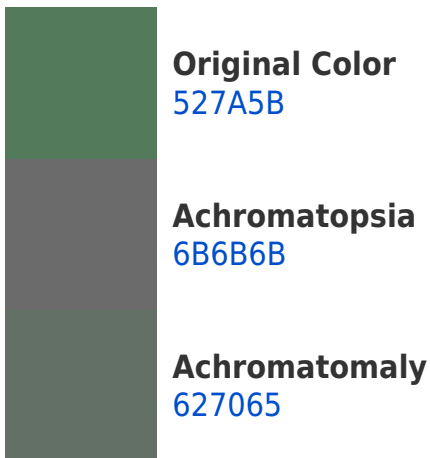


**Tritanopia**  
59757F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 527A5B 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 #527A5B looks like.

```
.text, #text, p{  
    color:#527A5B  
}
```

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 #527A5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #527A5B
}
```

## Border

The CSS property to change the border of an element to Hex 527A5B 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
#527A5B }
```

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

```
.border{ border-color:#527A5B }
```

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

Here you see how a box with a 4 pixel #527A5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #527A5B; -webkit-box-shadow:4px 4px  
4px 4px #527A5B; box-shadow:4px 4px 4px  
4px #527A5B }
```

# Background

The CSS property to change the background color of an element to Hex 527A5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#527A5B }
```

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

```
.background{ background-color:#527A5B }
```

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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