

# Converting Colors

Hex(527C5E)

Have a look what the booklet for  
Hex(527C5E) contains.

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# Color

Hex(527C5E)

# Conversions

## Conversions Part 1

Format	Color
Hex	527C5E
RGB	82, 124, 94
RGB Percent	32%, 49%, 37%
CMY	0.6784, 0.5137, 0.6314
CMYK	0.34, 0.00, 0.24, 0.51
HSL	137°, 20%, 40%
HSV	137°, 34%, 49%
XYZ	12.7077, 17.0173, 13.2046
YIQ	108.0220, -15.4020, -18.2340

# Conversions

## Conversions Part 2

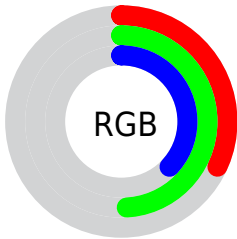
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 115, 124
Decimal	5405790
CIE <sub>Lab</sub>	48.28, -21.41, 11.83
CIE <sub>LCh</sub>	48, 24.460, 151.064
Y <sub>xy</sub>	17.0173, 0.2960, 0.3964
Android (android.graphics.Color)	4283595870 (0xFF527C5E)
YUV	108.0220, -6.9128, -22.8213
Hunter-Lab	41.2520, -17.2040, 9.8980

# Details

The Hex color **527C5E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7C5270**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **85B190**, and **224B30** is the 20% darker color. If you saturate the color by 10%, you get **467C55**, and if you desaturate by 10%, it is **5E7C67**.

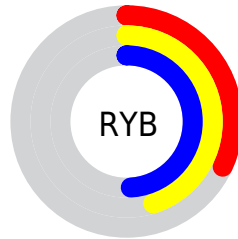
# Distribution



Red (32%)

Green (49%)

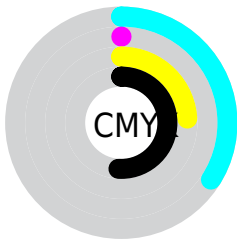
Blue (37%)



Red (32%)

Yellow (45%)

Blue (49%)

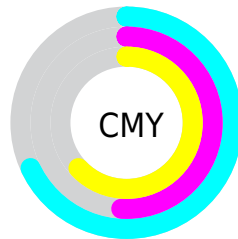


Cyan (34%)

Magenta (0%)

Yellow (24%)

Black (51%)



Cyan (68%)

Magenta (51%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 527C5E 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 527C5E by changing the saturation by 10% instead.



 527C5E

 527C5E

FFFFFF

 3A6346

 85B190

 224B30

 9FCCAB

 09341B

 BBE9C6

 001F00

 D7FFE2

 000000

 F3FFFF

 527C5E

 527C5E

 467C55

 5E7C67

 397C4C

 6B7C70

 2D7C43

 777C79

 207C3B

 847C81

 147C32

 907C8A

 087C29

 9C7C93

 007C23

 A97C9C

 B57CA5

 C27CAE

# Harmonies

## Analogous

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



6A784F



527C5E



3A7E73

# Triad

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



527C5E



58749C



9B655E

# Complementary

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



527C5E



7C5270

# 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.



9A6373



527C5E



766D96

# Square

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



527C5E



397A96



8D6687



916B4F

# Rectangle

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



527C5E



2E7E81



8D6687



9C6465



# Sweetspot

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



527C5E



91A195



707C52



48524B



D1D1D1



525252



# Same Dimension

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



527C5E



5FA172



527C73



373D39



007D24



00FC48



# Inverse Universe

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



7C5270



A15F8E



7C525B



3D373B



7D0059



FC00B4



# Previews

## White Background



This preview shows how the Hex color 527C5E looks on a white background.

## Color Contrast Check

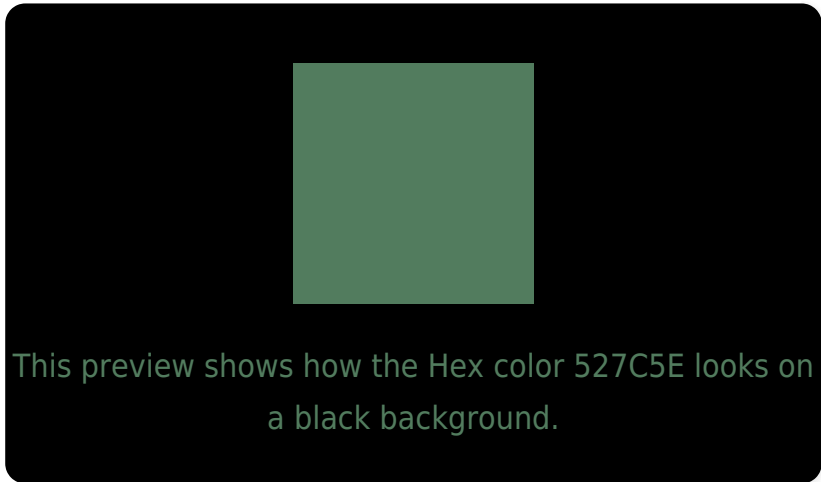
Large Text (above 18pt) WCAG AA ✓ Pass

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

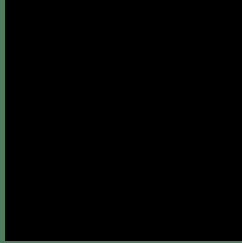
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 527C5E Background



This preview shows how black text looks on a background with the Hex color 527C5E.



This preview shows how white text looks on a background with the Hex color 527C5E.

# 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**  
527C5E

**Protanopia**  
7A7259

**Deuteranopia**  
836E61



**Tritanopia**  
597781

# Trichromacy



**Original Color**  
527C5E

**Protanomaly**  
6B765B

**Deuteranomaly**  
717360

**Tritanomaly**  
567974

# Monochromacy



**Original Color**  
527C5E

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
637267

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 527C5E 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 #527C5E looks like.

```
.text, #text, p{  
    color:#527C5E  
}
```

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 #527C5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #527C5E
}
```

## Border

The CSS property to change the border of an element to Hex 527C5E 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
#527C5E }
```

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

```
.border{ border-color:#527C5E }
```

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

Here you see how a box with a 4 pixel #527C5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #527C5E; -webkit-box-shadow:4px 4px  
4px 4px #527C5E; box-shadow:4px 4px 4px  
4px #527C5E }
```

# Background

The CSS property to change the background color of an element to Hex 527C5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#527C5E }
```

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

```
.background{ background-color:#527C5E }
```

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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