

# Converting Colors

Hex(527C45)

Have a look what the booklet for  
Hex(527C45) contains.

<b>Hex(527C45)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(527C45)**

# Conversions

## Conversions Part 1

Format	Color
Hex	527C45
RGB	82, 124, 69
RGB Percent	32%, 49%, 27%
CMY	0.6784, 0.5137, 0.7294
CMYK	0.34, 0.00, 0.44, 0.51
HSL	106°, 28%, 38%
HSV	106°, 44%, 49%
XYZ	11.7615, 16.6388, 8.2219
YIQ	105.1720, -7.3770, -26.0090

# Conversions

## Conversions Part 2

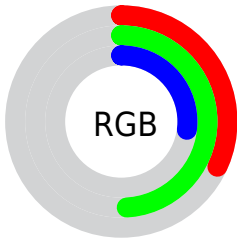
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	69, 124, 111
Decimal	5405765
CIE Lab	47.80, -25.85, 25.47
CIE LCh	48, 36.287, 135.423
Yxy	16.6388, 0.3212, 0.4543
Android (android.graphics.Color)	4283595845 (0xFF527C45)
YUV	105.1720, -17.8328, -20.3218
Hunter-Lab	40.7907, -19.9154, 16.6028

# Details

The Hex color **527C45** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6F457C**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **85B176**, and **214B18** is the 20% darker color. If you saturate the color by 10%, you get **497C39**, and if you desaturate by 10%, it is **5B7C51**.

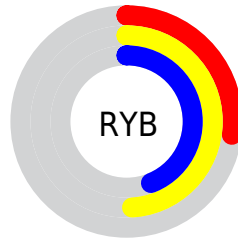
# Distribution



Red (32%)

Green (49%)

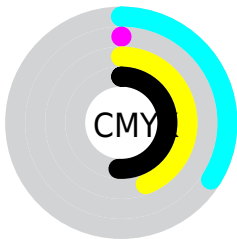
Blue (27%)



Red (27%)

Yellow (49%)

Blue (44%)

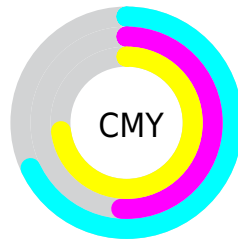


Cyan (34%)

Magenta (0%)

Yellow (44%)

Black (51%)



Cyan (68%)

Magenta (51%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 527C45 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 527C45 by changing the saturation by 10% instead.



 527C45

 527C45

FFFFFF

 39632E

 85B176

 214B18

 A0CC90

 083400

 BBE9AB

 002000

 D7FFC6

 000000

 F4FFE2

 527C45

 527C45

 497C39

 5B7C51

 3F7C2C

 657C5E

 367C20

 6E7C6A

 2C7C13

 787C77

 237C07

 817C83

 1D7C00

 8B7C8F

 947C9C

 9E7CA8

 A77CB5

# Harmonies

## Analogous

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



747534



527C45



208061

# Triad

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



527C45



0079AC



AB5863

# Complementary

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



527C45



6F457C

# 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.



A35A82



527C45



5B6FAC

# Square

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



527C45



007F9C



88639D



A45F47

# Rectangle

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



527C45



008176



88639D



AA586D



# Sweetspot

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



527C45



91A18C



7C6E45



485245



D1D1D1



525252



# Same Dimension

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



527C45



60A14C



457C53



393D37



1E7D00



3CFC00



# Inverse Universe

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



6F457C



8D4CA1



7C456E



3C373D



5F007D



C100FC



# Previews

## White Background



This preview shows how the Hex color 527C45 looks on a white background.

## Color Contrast Check

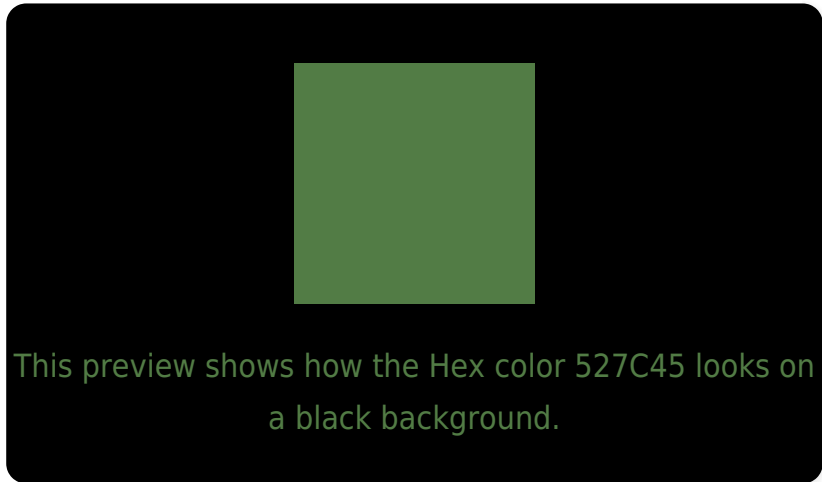
Large Text (above 18pt) WCAG AA ✓ Pass

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 527C45 Background



This preview shows how black text looks on a background with the Hex color 527C45.



This preview shows how white text looks on a background with the Hex color 527C45.

# 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**  
527C45

**Protanopia**  
7C7141

**Deuteranopia**  
886C49



**Tritanopia**  
5C757F

# Trichromacy



**Original Color**  
527C45

**Protanomaly**  
6D7542

**Deuteranomaly**  
747248

**Tritanomaly**  
58786A

# Monochromacy



**Original Color**  
527C45

**Achromatopsia**  
696969

**Achromatomaly**  
61705C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 527C45 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 #527C45 looks like.

```
.text, #text, p{  
    color:#527C45  
}
```

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 #527C45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #527C45
}
```

## Border

The CSS property to change the border of an element to Hex 527C45 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
#527C45 }
```

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

```
.border{ border-color:#527C45 }
```

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

Here you see how a box with a 4 pixel #527C45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #527C45; -webkit-box-shadow:4px 4px  
4px 4px #527C45; box-shadow:4px 4px 4px  
4px #527C45 }
```

# Background

The CSS property to change the background color of an element to Hex 527C45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#527C45 }
```

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

```
.background{ background-color:#527C45 }
```

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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