

# Converting Colors

Hex(507C03)

Have a look what the booklet for  
Hex(507C03) contains.

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**Color**

**Hex(507C03)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	507C03
RGB	80, 124, 3
RGB Percent	31%, 49%, 1%
CMY	0.6863, 0.5137, 0.9882
CMYK	0.35, 0.00, 0.98, 0.51
HSL	82°, 95%, 25%
HSV	82°, 98%, 49%
XYZ	10.5324, 16.1274, 2.6439
YIQ	97.0500, 12.6170, -46.9590

# Conversions

## Conversions Part 2

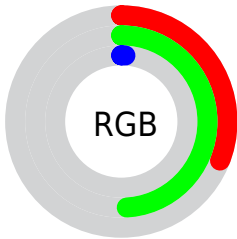
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 124, 47
Decimal	5274627
CIELab	47.14, -32.00, 50.95
CIELCh	47, 60.165, 122.133
Yxy	16.1274, 0.3594, 0.5504
Android (android.graphics.Color)	4283464707 (0xFF507C03)
YUV	97.0500, -46.3666, -14.9528
Hunter-Lab	40.1589, -23.4633, 24.2078

# Details

The Hex color **507C03** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2F037C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **86B141**, and **1B4B00** is the 20% darker color. If you saturate the color by 10%, you get **4F7C00**, and if you desaturate by 10%, it is **557C0F**.

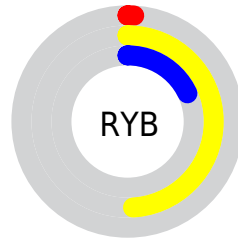
# Distribution



Red (31%)

Green (49%)

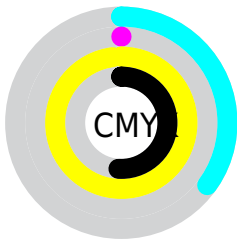
Blue (1%)



Red (1%)

Yellow (49%)

Blue (18%)

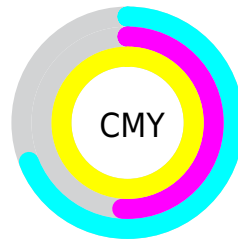


Cyan (35%)

Magenta (0%)

Yellow (98%)

Black (51%)



Cyan (69%)

Magenta (51%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 507C03 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 507C03 by changing the saturation by 10% instead.



 507C03

 507C03

FFFFFF

 356300

 86B141

 1B4B00

 A1CC5B

 003300

 BDE976

 002100

 DAFF91

 000000

 F7FFAC

 FFFFC8

 FFFF E5

 507C03

 507C03

■ 4F7C00

■ 557C0F

■ 597C1C

■ 5E7C28

■ 627C35

■ 677C41

■ 6B7C4D

■ 707C5A

■ 747C66

■ 797C73

# Harmonies

## Analogous

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



836F00



507C03



00833D

# Triad

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



507C03



0081C9



C7386E

# Complementary

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



507C03



2F037C

# 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.



AF47A0



507C03



0075D6

# Square

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



507C03



0086A5



7261C6



C4433D

# Rectangle

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



507C03



008660



7261C6



C33A7F



# Sweetspot

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



507C03



90A172



7C2D03



475235



D1D1D1



525252



# Same Dimension

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



507C03



66A100



157C03



3B3D37



507D00



A1FC00



# Inverse Universe

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



2F037C



3A00A1



6A037C



39373D



2D007D



5C00FC



# Previews

## White Background



This preview shows how the Hex color 507C03 looks on a white background.

## Color Contrast Check

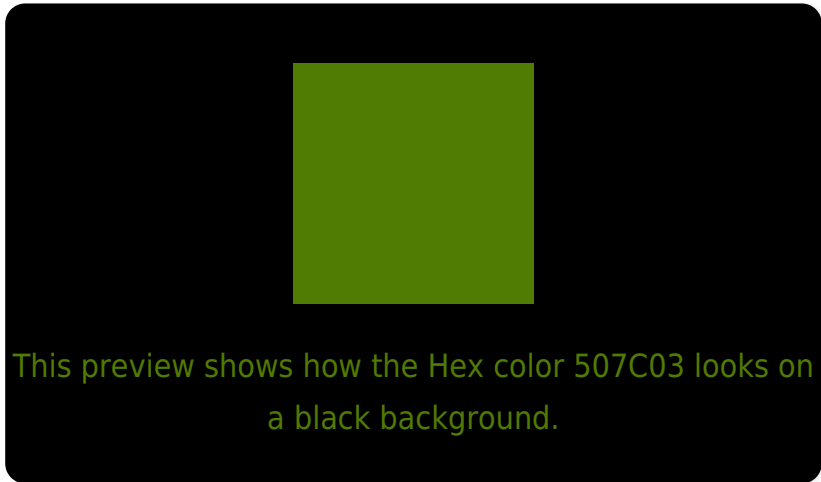
Large Text (above 18pt) WCAG AA ✓ Pass

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

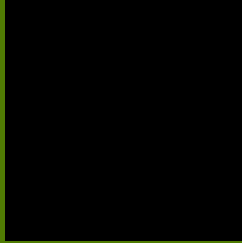
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 507C03 Background



This preview shows how black text looks on a background with the Hex color 507C03.



This preview shows how white text looks on a background with the Hex color 507C03.

# 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**  
507C03

**Protanopia**  
7E7000

**Deuteranopia**  
8C6A18



**Tritanopia**  
5D737C

# Trichromacy



**Original Color**  
507C03

**Protanomaly**  
6D7401

**Deuteranomaly**  
767110

**Tritanomaly**  
587650

# Monochromacy



**Original Color**  
507C03

**Achromatopsia**  
616161

**Achromatomaly**  
5B6B3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 507C03 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 #507C03 looks like.

```
.text, #text, p{  
    color:#507C03  
}
```

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 #507C03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #507C03
}
```

## Border

The CSS property to change the border of an element to Hex 507C03 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
#507C03 }
```

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

```
.border{ border-color:#507C03 }
```

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

Here you see how a box with a 4 pixel #507C03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #507C03; -webkit-box-shadow:4px 4px  
4px 4px #507C03; box-shadow:4px 4px 4px  
4px #507C03 }
```

# Background

The CSS property to change the background color of an element to Hex 507C03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#507C03 }
```

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

```
.background{ background-color:#507C03 }
```

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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