

# Converting Colors

Hex(503407)

Have a look what the booklet for  
Hex(503407) contains.

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**Color**

**Hex(503407)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	503407
RGB	80, 52, 7
RGB Percent	31%, 20%, 3%
CMY	0.6863, 0.7961, 0.9725
CMYK	0.00, 0.35, 0.91, 0.69
HSL	37°, 84%, 17%
HSV	37°, 91%, 31%
XYZ	4.5746, 4.1768, 0.7661
YIQ	55.2420, 31.1330, -8.0590

# Conversions

## Conversions Part 2

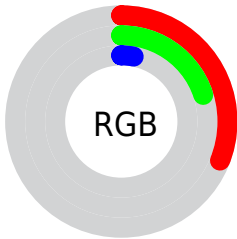
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 80, 7
Decimal	5256199
CIE Lab	24.25, 8.40, 30.85
CIE LCh	24, 31.970, 74.776
Yxy	4.1768, 0.4807, 0.4389
Android (android.graphics.Color)	4283446279 (0xFF503407)
YUV	55.2420, -23.7833, 21.7128
Hunter-Lab	20.4372, 4.1898, 12.0835

# Details

The Hex color **503407** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **072350**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **856235**, and **1F0800** is the 20% darker color. If you saturate the color by 10%, you get **503100**, and if you desaturate by 10%, it is **50370F**.

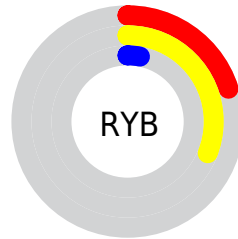
# Distribution



Red (31%)

Green (20%)

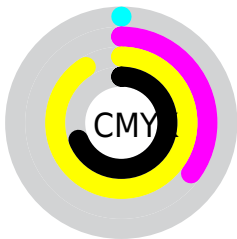
Blue (3%)



Red (20%)

Yellow (31%)

Blue (3%)

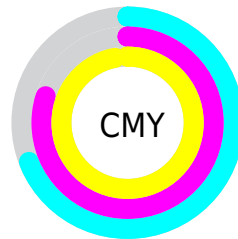


Cyan (0%)

Magenta (35%)

Yellow (91%)

Black (69%)



Cyan (69%)

Magenta (80%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 503407 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 503407 by changing the saturation by 10% instead.



 503407

 503407

 FFFFEC

 371F00

 856235

 1F0800

 A07B4D

 000000

 BC9565

 D9B07E

 F6CB99

 FFE7B4

 FFFFCE

 503407

 503407

■ 503100

■ 50370F

■ 503A17

■ 503D1F

■ 504027

■ 50432F

■ 504637

■ 50493F

■ 504D47

■ 50504F

# Harmonies

## Analogous

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



5F2A19



503407



3B3C05

# Triad

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



503407



004545



4A2E5C

# Complementary

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



503407



072350

# 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.



213868



503407



00445B

# Square

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



503407



00442C



004068



5F2547

# Rectangle

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



503407



29400F



004068



3F3261



# Sweetspot

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



503407



695E4C



500724



362F24



B5B5B5



363636



# Same Dimension

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



503407



694000



495007



292725



E88F00

# Inverse Universe

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



072350



002869



0E0750



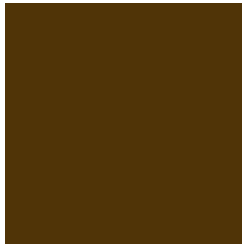
252629



0059E8

# Previews

## White Background



This preview shows how the Hex color 503407 looks on a white background.

## Color Contrast Check

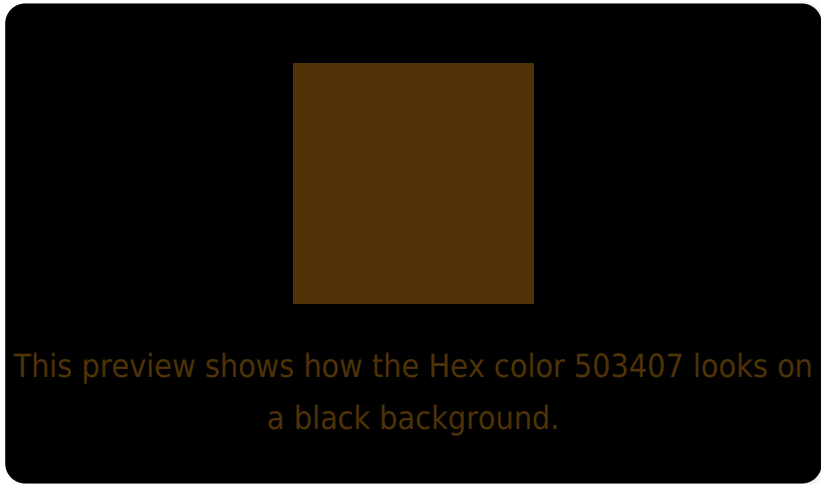
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

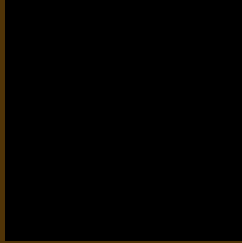
Any Text WCAG AA × Fail

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 503407 Background



This preview shows how black text looks on a background with the Hex color 503407.



This preview shows how white text looks on a background with the Hex color 503407.

# 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**  
503407

**Protanopia**  
423A09

**Deuteranopia**  
4A3700





**Tritanopia**  
523034

# Trichromacy



**Original Color**  
503407

**Protanomaly**  
473808

**Deuteranomaly**  
4C3603

**Tritanomaly**  
513124

# Monochromacy



**Original Color**  
503407

**Achromatopsia**  
373737

**Achromatomaly**  
403626

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 503407 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 #503407 looks like.

```
.text, #text, p{  
    color:#503407  
}
```

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 #503407 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #503407
}
```

## Border

The CSS property to change the border of an element to Hex 503407 is called "border". The border property can be set on classes, ids or directly on the HTML element.

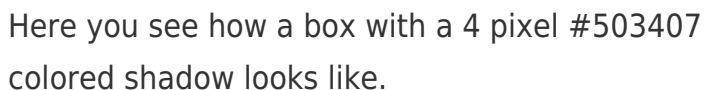
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#503407 }
```

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

```
.border{ border-color:#503407 }
```

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



Here you see how a box with a 4 pixel #503407 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #503407; -webkit-box-shadow:4px 4px  
4px 4px #503407; box-shadow:4px 4px 4px  
4px #503407 }
```

# Background

The CSS property to change the background color of an element to Hex 503407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#503407 }
```

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

```
.background{ background-color:#503407 }
```

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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