

# Converting Colors

Hex(504709)

Have a look what the booklet for  
Hex(504709) contains.

<b>Hex(504709)</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> .....	21
<b><i>Color Blindness Simulation</i></b> .....	24
<b><i>CSS Examples</i></b> .....	27

**Color**

**Hex(504709)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	504709
RGB	80, 71, 9
RGB Percent	31%, 28%, 4%
CMY	0.6863, 0.7216, 0.9647
CMYK	0.00, 0.11, 0.89, 0.69
HSL	52°, 80%, 17%
HSV	52°, 89%, 31%
XYZ	5.6108, 6.2317, 1.1656
YIQ	66.6230, 25.2660, -17.3740

# Conversions

## Conversions Part 2

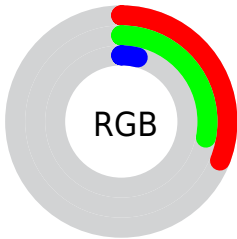
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 80, 9
Decimal	5261065
CIE Lab	29.99, -3.55, 35.21
CIE LCh	30, 35.393, 95.750
Yxy	6.2317, 0.4313, 0.4791
Android (android.graphics.Color)	4283451145 (0xFF504709)
YUV	66.6230, -28.4081, 11.7316
Hunter-Lab	24.9633, -3.5657, 14.7060

# Details

The Hex color **504709** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **091250**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **847739**, and **201C00** is the 20% darker color. If you saturate the color by 10%, you get **504601**, and if you desaturate by 10%, it is **504811**.

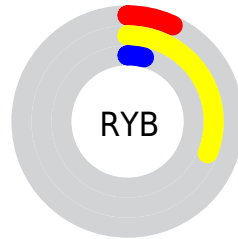
# Distribution



Red (31%)

Green (28%)

Blue (4%)



Red (7%)

Yellow (31%)

Blue (4%)

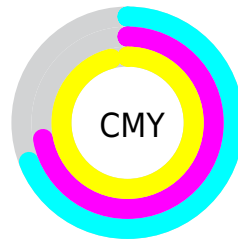


Cyan (0%)

Magenta (11%)

Yellow (89%)

Black (69%)



Cyan (69%)

Magenta (72%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 504709 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 504709 by changing the saturation by 10% instead.



 504709

 504709

 FFFFF3

 383100

 847739

 201C00

 9F9152

 000000

 BBAB6B

 D7C684

 F4E29F

 FFFFBA

 FFFFD6

 504709

 504709

■ 504601

■ 504811

■ 504600

■ 504919

■ 504A21

■ 504B29

■ 504C31

■ 504D39

■ 504E41

■ 504F49

■ 505051

# Harmonies

## Analogous

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



673D13



504709



334E16

# Triad

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



504709



005366



6C325E

# Complementary

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



504709



091250

# 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.



4E3D73



504709



004F79

# Square

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



504709



00544B



0F487D



782C42

# Rectangle

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



504709



185126



0F487D



643566



# Sweetspot

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



504709



69654C



500912



363324



B5B5B5



363636



# Same Dimension

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



504709



695B00



365009



292825



E8CB00

# Inverse Universe

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



091250



000D69



230950



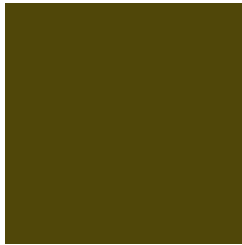
252529



001DE8

# Previews

## White Background



This preview shows how the Hex color 504709 looks on a white background.

## Color Contrast Check

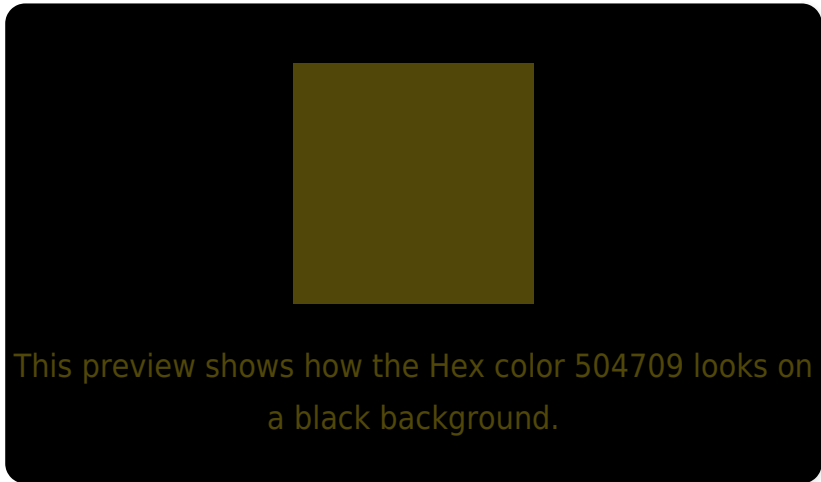
Large Text (above 18pt) WCAG AA ✓ Pass

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

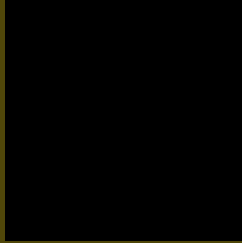
Any Text WCAG AA × Fail

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 504709 Background



This preview shows how black text looks on a background with the Hex color 504709.



This preview shows how white text looks on a background with the Hex color 504709.

# 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**  
504709

**Protanopia**  
504709

**Deuteranopia**  
59430C





**Tritanopia**  
544247

# Trichromacy



**Original Color**  
504709

**Protanomaly**  
504709

**Deuteranomaly**  
56440B

**Tritanomaly**  
534430

# Monochromacy



**Original Color**  
504709

**Achromatopsia**  
434343

**Achromatomaly**  
48442E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 504709 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 #504709 looks like.

```
.text, #text, p{  
    color:#504709  
}
```

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 #504709 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #504709
}
```

## Border

The CSS property to change the border of an element to Hex 504709 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".

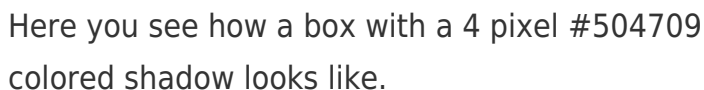
```
.border, #border, table{ border:4px solid
#504709 }
```

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

```
.border{ border-color:#504709 }
```

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

Here you see how a box with a 4 pixel #504709 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #504709; -webkit-box-shadow:4px 4px  
4px 4px #504709; box-shadow:4px 4px 4px  
4px #504709 }
```

# Background

The CSS property to change the background color of an element to Hex 504709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#504709 }
```

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

```
.background{ background-color:#504709 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

**@ConvertingColor**