

# Converting Colors

Hex(525909)

Have a look what the booklet for  
Hex(525909) contains.

<b>Hex(525909)</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(525909)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	525909
RGB	82, 89, 9
RGB Percent	32%, 35%, 4%
CMY	0.6784, 0.6510, 0.9647
CMYK	0.08, 0.00, 0.90, 0.65
HSL	65°, 82%, 19%
HSV	65°, 90%, 35%
XYZ	7.1014, 8.9583, 1.6133
YIQ	77.7870, 21.5080, -26.3640

# Conversions

## Conversions Part 2

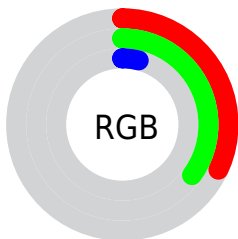
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 89, 16
Decimal	5396745
CIE <sub>Lab</sub>	35.90, -13.13, 40.37
CIE <sub>LCh</sub>	36, 42.450, 108.023
Yxy	8.9583, 0.4018, 0.5069
Android (android.graphics.Color)	4283586825 (0xFF525909)
YUV	77.7870, -33.9120, 3.6948
Hunter-Lab	29.9305, -10.0270, 17.7555

# Details

The Hex color **525909** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **100959**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **868B3D**, and **212C00** is the 20% darker color. If you saturate the color by 10%, you get **515900**, and if you desaturate by 10%, it is **535912**.

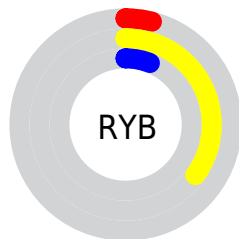
# Distribution



Red (32%)

Green (35%)

Blue (4%)



Red (4%)

Yellow (35%)

Blue (6%)

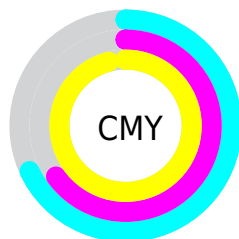


Cyan (8%)

Magenta (0%)

Yellow (90%)

Black (65%)



Cyan (68%)

Magenta (65%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 525909 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 525909 by changing the saturation by 10% instead.



 525909

 525909

 FFFFF9

 3A4200

 868B3D

 212C00

 A1A556

 001800

 BDC06F

 000000

 D9DC89

 F6F9A4

 FFFFC0

 FFFFDC

 525909

 525909

■ 515900

■ 535912

■ 54591B

■ 545924

■ 55592D

■ 565935

■ 57593E

■ 575947

■ 585950

■ 595959

# Harmonies

## Analogous

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



714E0A



525909



286024

# Triad

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



525909



006286



8B3564

# Complementary

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



525909



100959

# 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.



704282



525909



005C97

# Square

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



525909



006468



395195



923441

# Rectangle

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



525909



00633A



395195



84396F



# Sweetspot

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



525909



707354



591009



393B28



BABABA



3B3B3B



# Same Dimension

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



525909



697300



2A5909



2B2B27



626B00



D6EB00



# Inverse Universe

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



100959



0A0073



380959



27272B



09006B



1500EB



# Previews

## White Background



This preview shows how the Hex color 525909 looks on a white background.

## Color Contrast Check

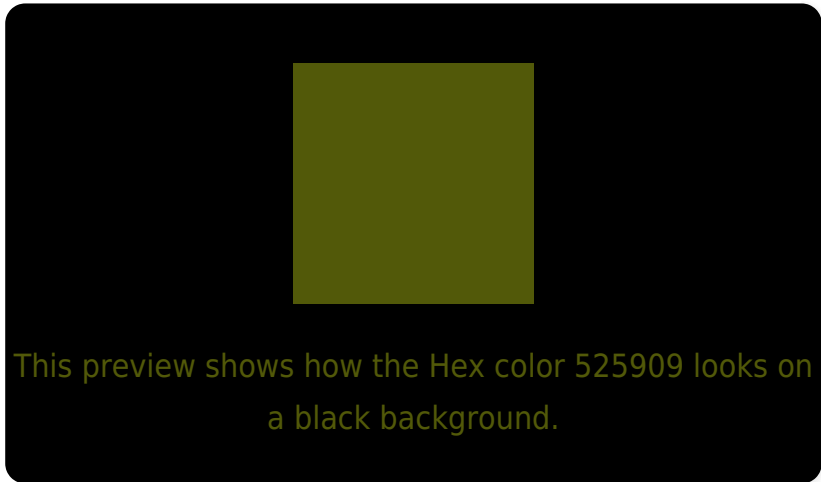
Large Text (above 18pt) WCAG AA ✓ Pass

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

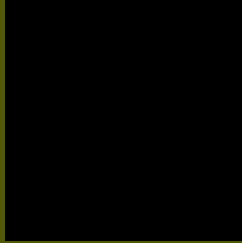
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 525909 Background



This preview shows how black text looks on a background with the Hex color 525909.



This preview shows how white text looks on a background with the Hex color 525909.

# 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**  
525909

**Protanopia**  
5F5507

**Deuteranopia**  
6B5011



**Tritanopia**  
585359

# Trichromacy



**Original Color**  
525909

**Protanomaly**  
5A5608

**Deuteranomaly**  
62530E

**Tritanomaly**  
56553C

# Monochromacy



**Original Color**  
525909

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
4F5235

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 525909 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 #525909 looks like.

```
.text, #text, p{  
    color:#525909  
}
```

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 #525909 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #525909
}
```

## Border

The CSS property to change the border of an element to Hex 525909 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".

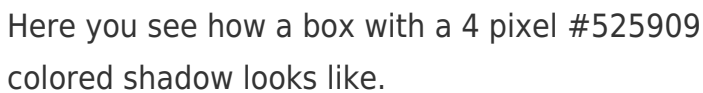
```
.border, #border, table{ border:4px solid
#525909 }
```

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

```
.border{ border-color:#525909 }
```

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

Here you see how a box with a 4 pixel #525909 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #525909; -webkit-box-shadow:4px 4px  
4px 4px #525909; box-shadow:4px 4px 4px  
4px #525909 }
```

# Background

The CSS property to change the background color of an element to Hex 525909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#525909 }
```

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

```
.background{ background-color:#525909 }
```

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