

# Converting Colors

Hex(530500)

Have a look what the booklet for  
Hex(530500) contains.

<b>Hex(530500)</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(530500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	530500
RGB	83, 5, 0
RGB Percent	33%, 2%, 0%
CMY	0.6745, 0.9804, 1.0000
CMYK	0.00, 0.94, 1.00, 0.67
HSL	4°, 100%, 16%
HSV	4°, 100%, 33%
XYZ	3.6215, 1.9475, 0.1850
YIQ	27.7520, 48.0930, 14.9810

# Conversions

## Conversions Part 2

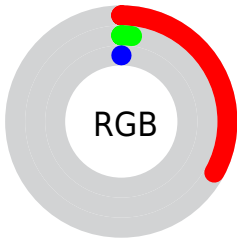
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 5, 0
Decimal	5440768
CIE Lab	15.21, 33.73, 23.58
CIE LCh	15, 41.150, 34.956
Yxy	1.9475, 0.6294, 0.3385
Android (android.graphics.Color)	4283630848 (0xFF530500)
YUV	27.7520, -13.6817, 48.4525
Hunter-Lab	13.9554, 21.9002, 8.9827

# Details

The Hex color **530500** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **004E53**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **8A392F**, and **1A0001** is the 20% darker color. If you saturate the color by 10%, you get **530500**, and if you desaturate by 10%, it is **530D08**.

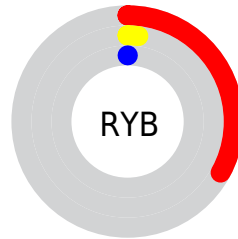
# Distribution



Red (33%)

Green (2%)

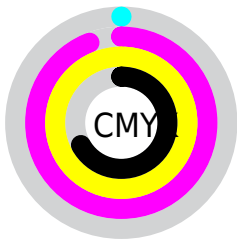
Blue (0%)



Red (33%)

Yellow (2%)

Blue (0%)

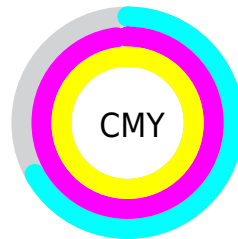


Cyan (0%)

Magenta (94%)

Yellow (100%)

Black (67%)



Cyan (67%)

Magenta (98%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 530500 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 530500 by changing the saturation by 10% instead.



 530500

 530500

 FFF4E2

 380000

 8A392F

 1A0001

 A75246

 000000

 C46B5D

 E28576

 FFA090

 FFBCAA

 FFD8C6

 530500

■ 530D08

■ 531511

■ 531C19

■ 532421

■ 532C29

■ 533432

■ 533C3A

■ 534342

■ 534B4B

# Harmonies

## Analogous

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



570023



530500



431B00

# Triad

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



530500



00300A



002961

# Complementary

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



530500



004E53

# 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.



002F5B



530500



00322A

# Square

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



530500



0C2D00



003247



291B57

# Rectangle

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



530500



352300



003247



002C61



# Sweetspot

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



530500



6B4D4B



53004F



362322



B5B5B5



363636



# Same Dimension

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



530500



6B0600



532E00



292525



690600



E80E00



# Inverse Universe

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



004E53



00656B



002553



252929



006269

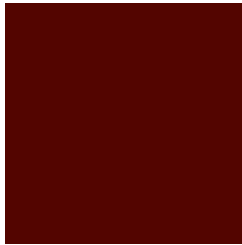


00DAE8



# Previews

## White Background



This preview shows how the Hex color 530500 looks on a white background.

## Color Contrast Check

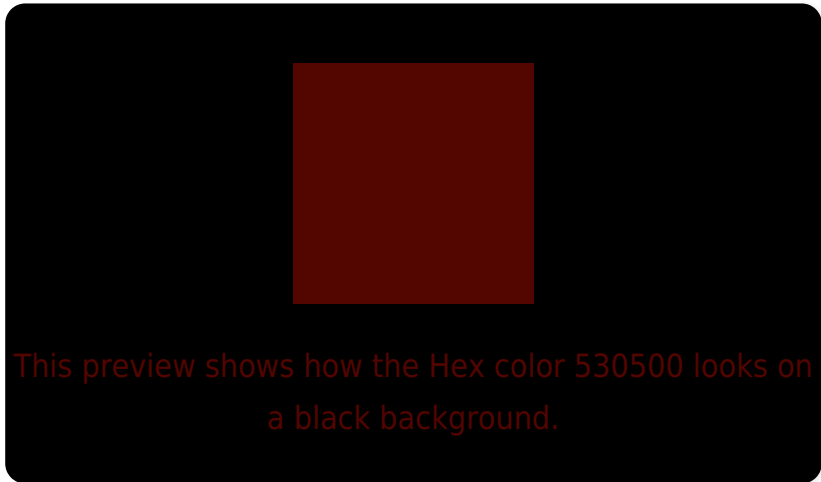
Large Text (above 18pt) WCAG AA ✓ Pass

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

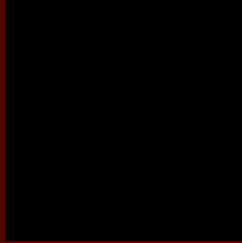
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 530500 Background



This preview shows how black text looks on a background with the Hex color 530500.



This preview shows how white text looks on a background with the Hex color 530500.

# 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**  
530500

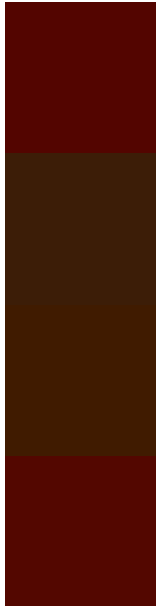
**Protanopia**  
2F2A0B

**Deuteranopia**  
352800



**Tritanopia**  
530800

# Trichromacy



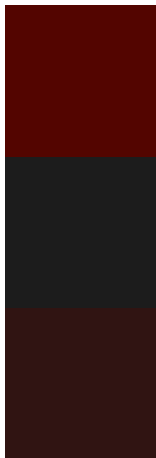
**Original Color**  
530500

**Protanomaly**  
3C1D07

**Deuteranomaly**  
401B00

**Tritanomaly**  
530700

# Monochromacy



**Original Color**  
530500

**Achromatopsia**  
1C1C1C

**Achromatomaly**  
301412

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 530500 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 #530500 looks like.

```
.text, #text, p{  
    color:#530500  
}
```

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 #530500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #530500
}
```

## Border

The CSS property to change the border of an element to Hex 530500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

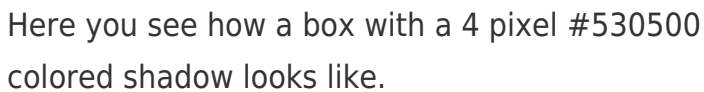
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#530500 }
```

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

```
.border{ border-color:#530500 }
```

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



Here you see how a box with a 4 pixel #530500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #530500; -webkit-box-shadow:4px 4px  
4px 4px #530500; box-shadow:4px 4px 4px  
4px #530500 }
```

# Background

The CSS property to change the background color of an element to Hex 530500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#530500 }
```

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

```
.background{ background-color:#530500 }
```

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