

# Converting Colors

Hex(530B00)

Have a look what the booklet for  
Hex(530B00) contains.

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**Color**

**Hex(530B00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	530B00
RGB	83, 11, 0
RGB Percent	33%, 4%, 0%
CMY	0.6745, 0.9569, 1.0000
CMYK	0.00, 0.87, 1.00, 0.67
HSL	8°, 100%, 16%
HSV	8°, 100%, 33%
XYZ	3.6870, 2.0783, 0.2068
YIQ	31.2740, 46.4430, 11.8430

# Conversions

## Conversions Part 2

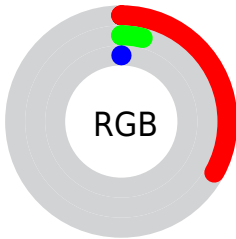
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 13, 0
Decimal	5442304
CIELab	15.89, 31.79, 24.44
CIELCh	16, 40.098, 37.560
Yxy	2.0783, 0.6174, 0.3480
Android (android.graphics.Color)	4283632384 (0xFF530B00)
YUV	31.2740, -15.4181, 45.3637
Hunter-Lab	14.4165, 20.4218, 9.2409

# Details

The Hex color **530B00** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **004853**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **8A3D2F**, and **1B0001** is the 20% darker color. If you saturate the color by 10%, you get **530B00**, and if you desaturate by 10%, it is **531208**.

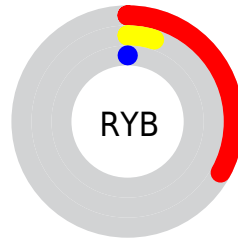
# Distribution



Red (33%)

Green (4%)

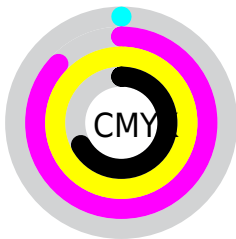
Blue (0%)



Red (33%)

Yellow (5%)

Blue (0%)

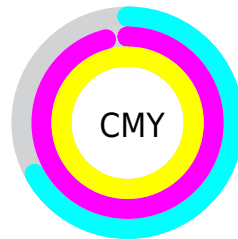


Cyan (0%)

Magenta (87%)

Yellow (100%)

Black (67%)



Cyan (67%)

Magenta (96%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 530B00 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 530B00 by changing the saturation by 10% instead.



 530B00

 530B00

 FFF8E2

 380000


 8A3D2F

 1B0001

 A75646

 000000

 C46F5D

 E18976

 FFA490

 FFBFAA

 FFDBC6

 530B00

■ 531208

■ 531911

■ 532119

■ 532821

■ 532F29

■ 533632

■ 533D3A

■ 534542

■ 534C4B

# Harmonies

## Analogous

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



580022



530B00



431E00

# Triad

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



530B00



003210



002961

# Complementary

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



530B00



004853

# 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.



00305D



530B00



00332E

# Square

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



530B00



0C2F00



00334A



2F1C55

# Rectangle

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



530B00



342600



00334A



002C61



# Sweetspot

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



530B00



6B4F4B



530049



362522



B5B5B5



363636



# Same Dimension

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



530B00



6B0E00



533300



292525



690E00



E81F00



# Inverse Universe

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



004853



005D6B



002053



252829



005B69

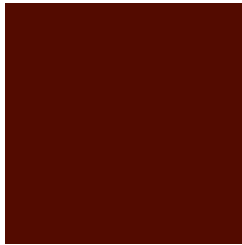


00C9E8



# Previews

## White Background



This preview shows how the Hex color 530B00 looks on a white background.

## Color Contrast Check

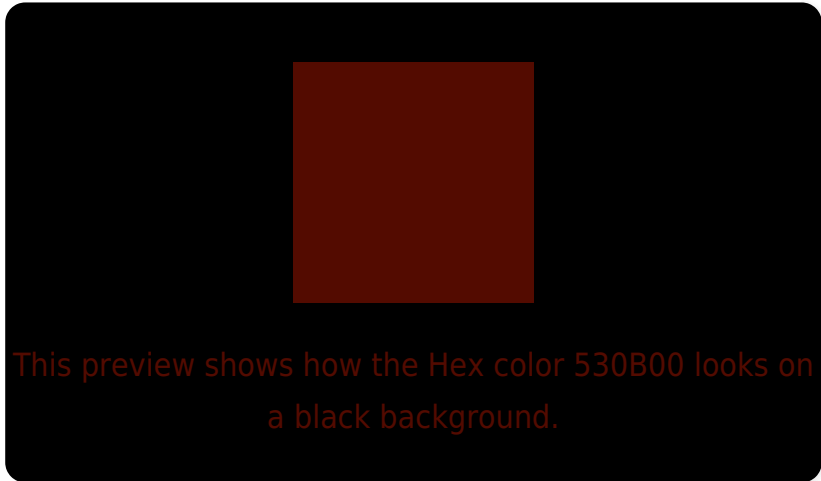
Large Text (above 18pt) WCAG AA ✓ Pass

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

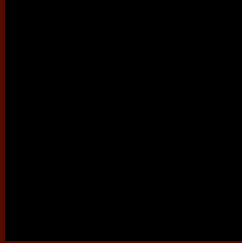
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 530B00 Background



This preview shows how black text looks on a background with the Hex color 530B00.



This preview shows how white text looks on a background with the Hex color 530B00.

# 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**  
530B00

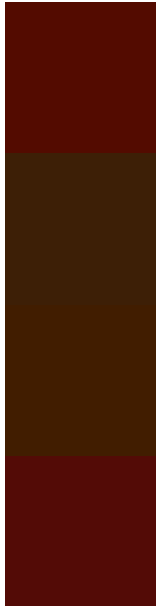
**Protanopia**  
302B0A

**Deuteranopia**  
362800



**Tritanopia**  
530B09

# Trichromacy



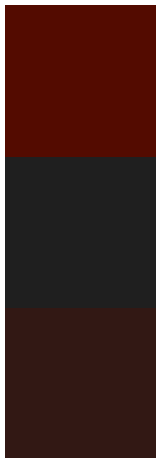
**Original Color**  
530B00

**Protanomaly**  
3D1F06

**Deuteranomaly**  
411D00

**Tritanomaly**  
530B06

# Monochromacy



**Original Color**  
530B00

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
321814

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 530B00 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 #530B00 looks like.

```
.text, #text, p{  
    color:#530B00  
}
```

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 #530B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #530B00
}
```

## Border

The CSS property to change the border of an element to Hex 530B00 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".

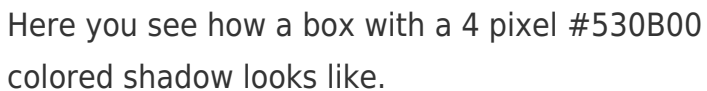
```
.border, #border, table{ border:4px solid
#530B00 }
```

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

```
.border{ border-color:#530B00 }
```

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

Here you see how a box with a 4 pixel #530B00 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #530B00 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #530B00; -webkit-box-shadow:4px 4px  
4px 4px #530B00; box-shadow:4px 4px 4px  
4px #530B00 }
```

# Background

The CSS property to change the background color of an element to Hex 530B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#530B00 }
```

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

```
.background{ background-color:#530B00 }
```

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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