

# Converting Colors

Hex(530B2D)

Have a look what the booklet for  
Hex(530B2D) contains.

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**Color**

**Hex(530B2D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	530B2D
RGB	83, 11, 45
RGB Percent	33%, 4%, 18%
CMY	0.6745, 0.9569, 0.8235
CMYK	0.00, 0.87, 0.46, 0.67
HSL	332°, 77%, 18%
HSV	332°, 87%, 33%
XYZ	4.1606, 2.2678, 2.7011
YIQ	36.4040, 31.9980, 25.8380

# Conversions

## Conversions Part 2

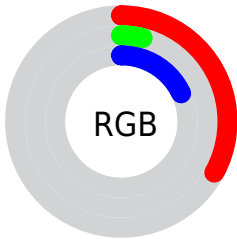
Format	Color
<a href="#">RYB</a>	<a href="#">83, 11, 45</a>
Decimal	<a href="#">5442349</a>
CIELab	<a href="#">16.83, 34.69, -1.72</a>
CIELCh	<a href="#">17, 34.731, 357.163</a>
Yxy	<a href="#">2.2678, 0.4557, 0.2484</a>
Android (android.graphics.Color)	<a href="#">4283632429 (0xFF530B2D)</a>
YUV	<a href="#">36.4040, 4.2378, 40.8647</a>
Hunter-Lab	<a href="#">15.0592, 22.9628, -0.0929</a>

# Details

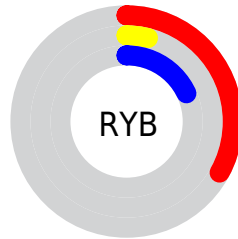
The Hex color **530B2D** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0B5331**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **883E5A**, and **230001** is the 20% darker color. If you saturate the color by 10%, you get **530329**, and if you desaturate by 10%, it is **531331**.

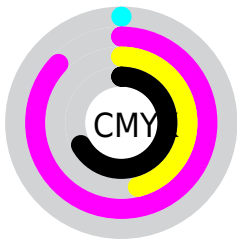
# Distribution



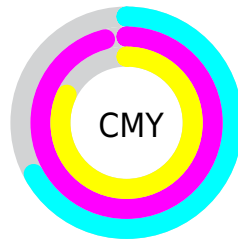
- Red (33%)
- Green (4%)
- Blue (18%)



- Red (33%)
- Yellow (4%)
- Blue (18%)



- Cyan (0%)
- Magenta (87%)
- Yellow (46%)
- Black (67%)



- Cyan (67%)
- Magenta (96%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 530B2D 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 530B2D by changing the saturation by 10% instead.



 530B2D

 530B2D

 FFFAFF

 3A0019

 883E5A

 230001

 A35773

 000000

 BF718C

 DC8BA7

 F9A6C2

 FFC1DE

 FFDEFA

 530B2D

 530B2D

■ 530329

■ 531331

■ 530027

■ 531C36

■ 53243A

■ 532C3F

■ 533543

■ 533D47

■ 53454C

■ 534D50

■ 535654

# Harmonies

## Analogous

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



441745



530B2D



531015

# Triad

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



530B2D



1F2F00



003353

# Complementary

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



530B2D



0B5331

# 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.



003440



530B2D



00320B

# Square

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



530B2D



372800



003426



002D5C

# Rectangle

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



530B2D



4D1900



003426



00334E



# Sweetspot

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



530B2D



6B4F5C



300B53



36252D



B5B5B5



363636



# Same Dimension

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



530B2D



6B0033



530C0B



292527



690031



E8006E



# Inverse Universe

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



530B2D



6B0033



0B5253



292527



690031

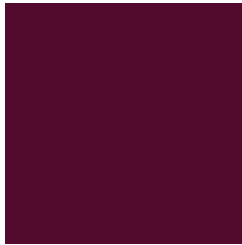


E8006E



# Previews

## White Background



This preview shows how the Hex color 530B2D looks on a white background.

## Color Contrast Check

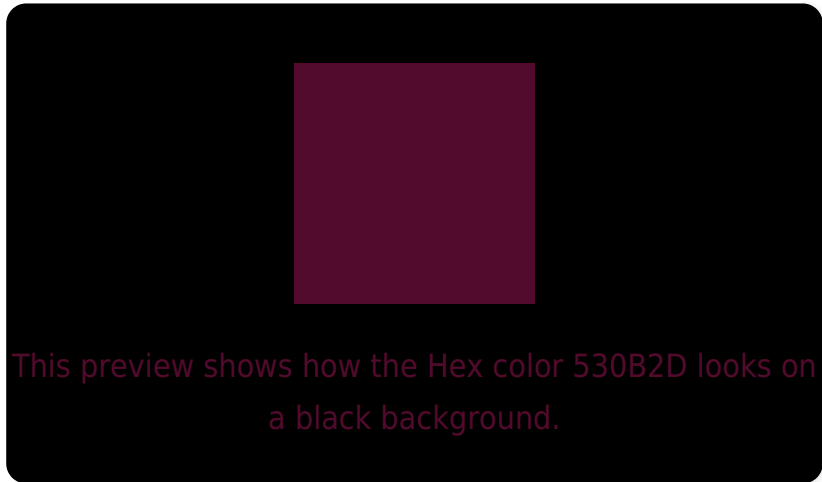
Large Text (above 18pt) WCAG AA ✓ Pass

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

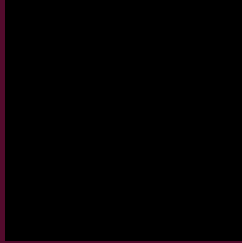
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 530B2D Background



This preview shows how black text looks on a background with the Hex color 530B2D.



This preview shows how white text looks on a background with the Hex color 530B2D.

# 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**  
530B2D

**Protanopia**  
262B3F

**Deuteranopia**  
312B2A



**Tritanopia**  
521415

# Trichromacy



**Original Color**

530B2D

**Protanomaly**

361F38

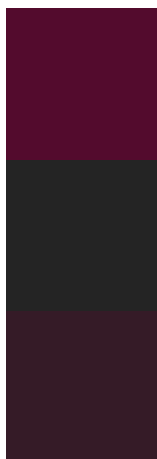
**Deuteranomaly**

3D1F2B

**Tritanomaly**

52111E

# Monochromacy



**Original Color**

530B2D

**Achromatopsia**

242424

**Achromatomaly**

351B27

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 530B2D 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 #530B2D looks like.

```
.text, #text, p{  
    color:#530B2D  
}
```

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 #530B2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #530B2D
}
```

## Border

The CSS property to change the border of an element to Hex 530B2D 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".

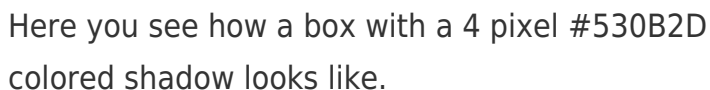
```
.border, #border, table{ border:4px solid
#530B2D }
```

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

```
.border{ border-color:#530B2D }
```

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

Here you see how a box with a 4 pixel #530B2D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #530B2D; -webkit-box-shadow:4px 4px  
4px 4px #530B2D; box-shadow:4px 4px 4px  
4px #530B2D }
```

# Background

The CSS property to change the background color of an element to Hex 530B2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#530B2D }
```

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

```
.background{ background-color:#530B2D }
```

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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