

# Converting Colors

Hex(530C3D)

Have a look what the booklet for  
Hex(530C3D) contains.

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# Color

**Hex(530C3D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	530C3D
RGB	83, 12, 61
RGB Percent	33%, 5%, 24%
CMY	0.6745, 0.9529, 0.7608
CMYK	0.00, 0.86, 0.27, 0.67
HSL	319°, 75%, 19%
HSV	319°, 86%, 33%
XYZ	4.5411, 2.4389, 4.6463
YIQ	38.8150, 26.5870, 30.2910

# Conversions

## Conversions Part 2

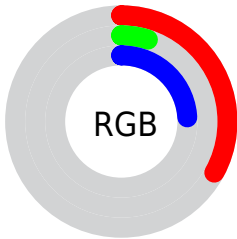
Format	Color
<a href="#">RYB</a>	<a href="#">83, 12, 61</a>
Decimal	<a href="#">5442621</a>
CIELab	<a href="#">17.64, 36.43, -11.89</a>
CIELCh	<a href="#">18, 38.322, 341.925</a>
Yxy	<a href="#">2.4389, 0.3906, 0.2098</a>
Android (android.graphics.Color)	<a href="#">4283632701 (0xFF530C3D)</a>
YUV	<a href="#">38.8150, 10.9372, 38.7502</a>
Hunter-Lab	<a href="#">15.6169, 24.5745, -6.7080</a>

# Details

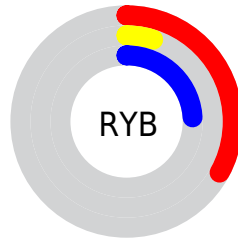
The Hex color **530C3D** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0C5322**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **87406D**, and **240012** is the 20% darker color. If you saturate the color by 10%, you get **53043A**, and if you desaturate by 10%, it is **531440**.

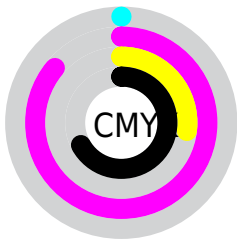
# Distribution



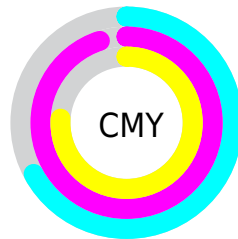
- Red (33%)
- Green (5%)
- Blue (24%)



- Red (33%)
- Yellow (5%)
- Blue (24%)



- Cyan (0%)
- Magenta (86%)
- Yellow (27%)
- Black (67%)



- Cyan (67%)
- Magenta (95%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 530C3D 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 530C3D by changing the saturation by 10% instead.



 530C3D

 530C3D

 FFFCFF

 3A0027

 87406D

 240012

 A25986

 000000

 BE72A0

 DB8CBB

 F8A7D7

 FFC3F3

 FFDFFF

 530C3D

 530C3D

■ 53043A

■ 531440

■ 530039

■ 531D42

■ 532545

■ 532D47

■ 53354A

■ 533E4C

■ 53464F

■ 534E52

■ 535754

# Harmonies

## Analogous

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



391E55



530C3D



5B0622

# Triad

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



530C3D



2D2D00



003650

# Complementary

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



530C3D



0C5322

# 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.



003736



530C3D



0C3300

# Square

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



530C3D



442400



003619



003360

# Rectangle

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



530C3D



580F0F



003619



003748



# Sweetspot

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



530C3D



6B4F62



210C53



362530



B5B5B5



363636



# Same Dimension

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



530C3D



6B004A



530C1A



292528



690048



E800A0



# Inverse Universe

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



530C3D



6B004A



0C5345



292528



690048

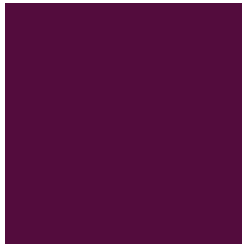


E800A0



# Previews

## White Background



This preview shows how the Hex color 530C3D looks on a white background.

## Color Contrast Check

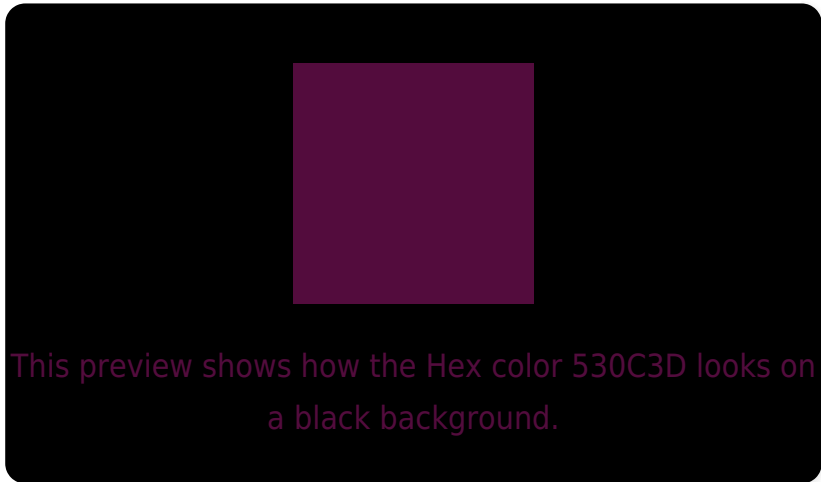
Large Text (above 18pt) WCAG AA ✓ Pass

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

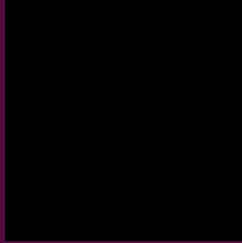
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 530C3D Background



This preview shows how black text looks on a background with the Hex color 530C3D.



This preview shows how white text looks on a background with the Hex color 530C3D.

# 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**  
530C3D

**Protanopia**  
192C54

**Deuteranopia**  
2C2D39



**Tritanopia**  
501A1B

# Trichromacy



**Original Color**  
530C3D

**Protanomaly**  
2E204C

**Deuteranomaly**  
3A213A

**Tritanomaly**  
511527

# Monochromacy



**Original Color**  
530C3D

**Achromatopsia**  
272727

**Achromatomaly**  
371D2F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 530C3D 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 #530C3D looks like.

```
.text, #text, p{  
    color:#530C3D  
}
```

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 #530C3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #530C3D
}
```

## Border

The CSS property to change the border of an element to Hex 530C3D 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".

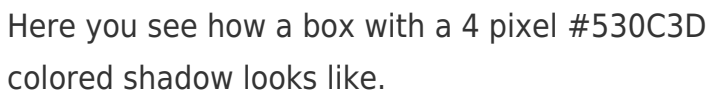
```
.border, #border, table{ border:4px solid
#530C3D }
```

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

```
.border{ border-color:#530C3D }
```

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

Here you see how a box with a 4 pixel #530C3D colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #530C3D; -webkit-box-shadow:4px 4px  
4px 4px #530C3D; box-shadow:4px 4px 4px  
4px #530C3D }
```

# Background

The CSS property to change the background color of an element to Hex 530C3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#530C3D }
```

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

```
.background{ background-color:#530C3D }
```

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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