

# Converting Colors

Hex(530160)

Have a look what the booklet for  
Hex(530160) contains.

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# Color

**Hex(530160)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	530160
RGB	83, 1, 96
RGB Percent	33%, 0%, 38%
CMY	0.6745, 0.9961, 0.6235
CMYK	0.14, 0.99, 0.00, 0.62
HSL	292°, 98%, 19%
HSV	292°, 99%, 38%
XYZ	5.6895, 2.7052, 11.2886
YIQ	36.3480, 18.3770, 46.9290

# Conversions

## Conversions Part 2

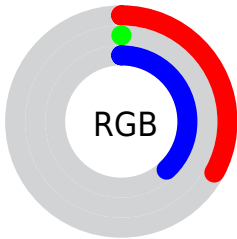
Format	Color
<b>RYB</b>	83, 1, 96
Decimal	5439840
CIELab	18.82, 45.49, -33.92
CIElCh	19, 56.745, 323.294
Yxy	2.7052, 0.2890, 0.1374
Android (android.graphics.Color)	4283629920 (0xFF530160)
YUV	36.3480, 29.4084, 40.9138
Hunter-Lab	16.4476, 32.9623, -29.1797

# Details

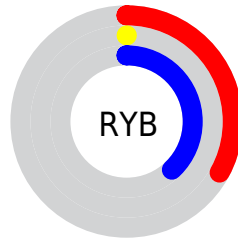
The Hex color **530160** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0E6001**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **883C93**, and **240031** is the 20% darker color. If you saturate the color by 10%, you get **530060**, and if you desaturate by 10%, it is **540B60**.

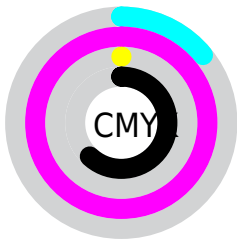
# Distribution



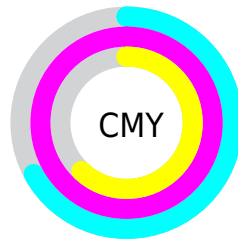
- Red (33%)
- Green (0%)
- Blue (38%)



- Red (33%)
- Yellow (0%)
- Blue (38%)



- Cyan (14%)
- Magenta (99%)
- Yellow (0%)
- Black (62%)



- Cyan (67%)
- Magenta (100%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 530160 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 530160 by changing the saturation by 10% instead.



 530160

 530160

 FFFBFF

 3A0048

 883C93

 240031

 A356AE

 00011B

 BF70CA

 000000

 DC8AE6

 F9A5FF

 FFC1FF

 FFDEFF

 530160

 530160

■ 530060

■ 540B60

■ 561460

■ 571E60

■ 582760

■ 5A3160

■ 5B3B60

■ 5C4460

■ 5E4E60

■ 5F5760

# Harmonies

## Analogous

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



00287B



530160



6E0039

# Triad

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



530160



412900



003D4E

# Complementary

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



530160



0E6001

# 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.



003C23



530160



193500

# Square

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



530160



5E0F00



003A00



003C71

# Rectangle

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



530160



71001E



003A00



003D40



# Sweetspot

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



530160



78577D



010F60



3D2940



BFBFBF



404040



# Same Dimension

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



530160



6C007D



60013F



302C30



610070



CF00F0



# Inverse Universe

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



60010E



7D0011



016022



302C2C



70000F

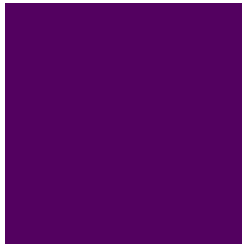


F00021



# Previews

## White Background



This preview shows how the Hex color 530160 looks on a white background.

## Color Contrast Check

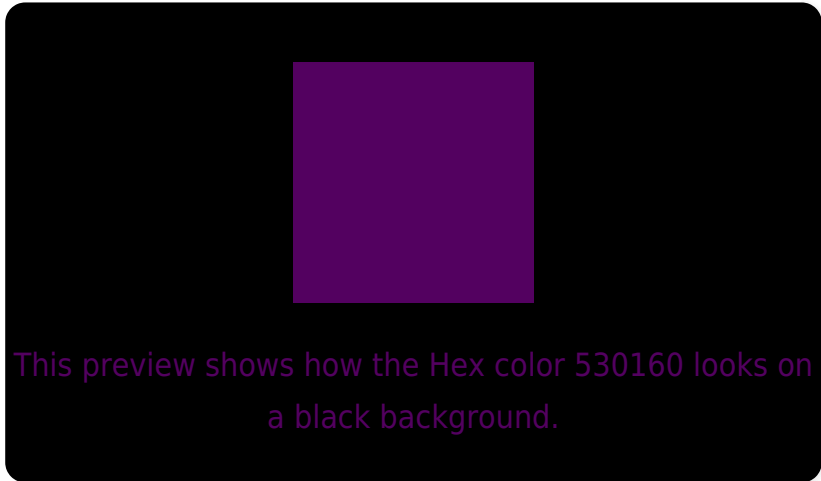
Large Text (above 18pt) WCAG AA ✓ Pass

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

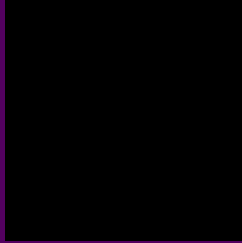
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 530160 Background



This preview shows how black text looks on a background with the Hex color 530160.

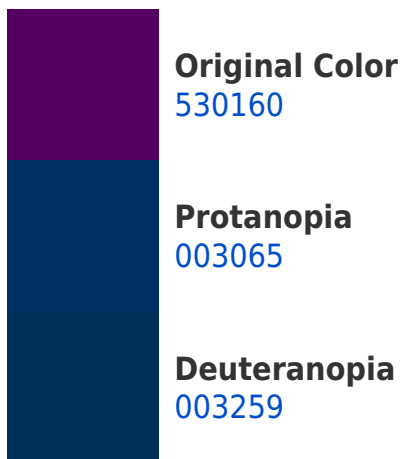


This preview shows how white text looks on a background with the Hex color 530160.

# 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





**Tritanopia**  
4C2628

# Trichromacy



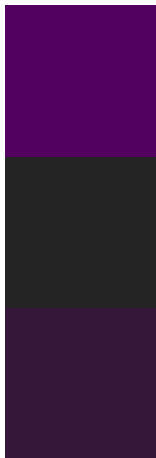
**Original Color**  
530160

**Protanomaly**  
1E1F63

**Deuteranomaly**  
1E205C

**Tritanomaly**  
4F193C

# Monochromacy



**Original Color**  
530160

**Achromatopsia**  
242424

**Achromatomaly**  
35173A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 530160 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 #530160 looks like.

```
.text, #text, p{  
    color:#530160  
}
```

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 #530160 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #530160
}
```

## Border

The CSS property to change the border of an element to Hex 530160 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
#530160 }
```

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

```
.border{ border-color:#530160 }
```

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

Here you see how a box with a 4 pixel #530160 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #530160; -webkit-box-shadow:4px 4px  
4px 4px #530160; box-shadow:4px 4px 4px  
4px #530160 }
```

# Background

The CSS property to change the background color of an element to Hex 530160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#530160 }
```

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

```
.background{ background-color:#530160 }
```

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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