

Converting Colors

Hex(530075)

Have a look what the booklet for
Hex(530075) contains.

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Color

Hex(530075)

Conversions

Conversions Part 1

Format	Color
Hex	530075
RGB	83, 0, 117
RGB Percent	33%, 0%, 46%
CMY	0.6745, 1.0000, 0.5412
CMYK	0.29, 1.00, 0.00, 0.54
HSL	283°, 100%, 23%
HSV	283°, 100%, 46%
XYZ	6.7782, 3.1234, 17.0752
YIQ	38.1550, 11.9110, 53.9830

Conversions

Conversions Part 2

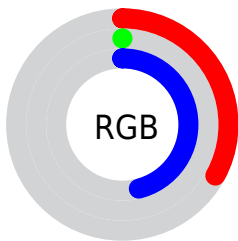
Format	Color
RYB	83, 0, 117
Decimal	5439605
CIELab	20.53, 49.88, -44.87
CIELCh	21, 67.093, 318.030
Yxy	3.1234, 0.2513, 0.1158
Android (android.graphics.Color)	4283629685 (0xFF530075)
YUV	38.1550, 38.8706, 39.3291
Hunter-Lab	17.6730, 37.5327, -44.9135

Details

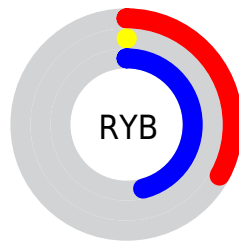
The Hex color **530075** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **227500**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **893DAA**, and **220044** is the 20% darker color. If you saturate the color by 10%, you get **530075**, and if you desaturate by 10%, it is **560C75**.

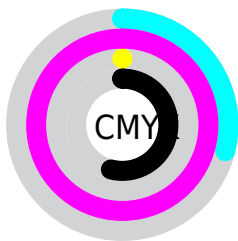
Distribution



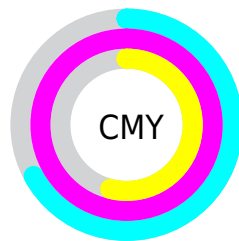
- Red (33%)
- Green (0%)
- Blue (46%)



- Red (33%)
- Yellow (0%)
- Blue (46%)



- Cyan (29%)
- Magenta (100%)
- Yellow (0%)
- Black (54%)



- Cyan (67%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 530075 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 530075 by changing the saturation by 10% instead.

 530075

 530075

 FFFDFF

 39005C

 893DAA

 220044

 A557C6

 00002C

 C171E2

 000117

 DE8CFF

 000000

 FBA7FF

 FFC3FF

 FFE0FF

 530075

 560C75

 5A1775

 5D2375

 612F75

 643B75

 674675

 6B5275

 6E5E75

 726975

Harmonies

Analogous

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



002F92



530075



7A0047

Triad

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



530075



4E2800



00434F

Complementary

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



530075



227500

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.



00421B



530075



213800

Square

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



530075



6E0000



003F00



00437C

Rectangle

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



530075



810027



003F00



00433E

Sweetspot

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



530075



8C6B99



002375



44314D



CCCCCC



4D4D4D

Same Dimension

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



530075



6D0099



75005E



39353B



57007A



B100FA

Inverse Universe

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



750022



99002C



007517



3B3536



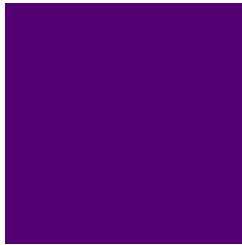
7A0024



FA0049

Previews

White Background



This preview shows how the Hex color 530075 looks on a white background.

Color Contrast Check

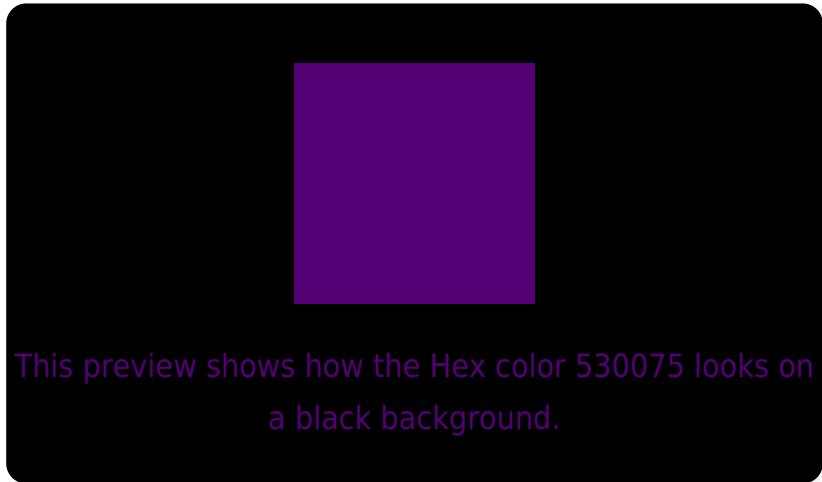
Large Text (above 18pt) WCAG AA ✓ Pass

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

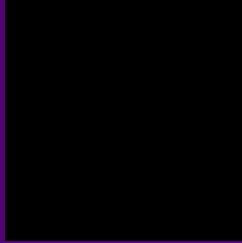
Any Text WCAG AA × Fail

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 530075 Background



This preview shows how black text looks on a background with the Hex color 530075.



This preview shows how white text looks on a background with the Hex color 530075.

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
530075

Protanopia
00336C

Deuteranopia
00375E



Tritanopia
482E31

Trichromacy



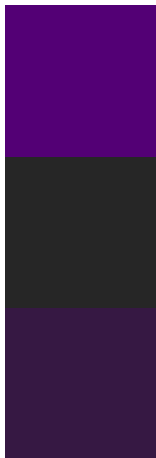
Original Color
530075

Protanomaly
1E206F

Deuteranomaly
1E2366

Tritanomaly
4C1D4A

Monochromacy



Original Color
530075

Achromatopsia
262626

Achromatomaly
361843

CSS Examples

Text

The CSS property to change the color of the text to Hex 530075 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 #530075 looks like.

```
.text, #text, p{  
    color:#530075  
}
```

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 #530075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #530075
}
```

Border

The CSS property to change the border of an element to Hex 530075 is called "border". The border property can be set on classes, ids or directly on the HTML element.

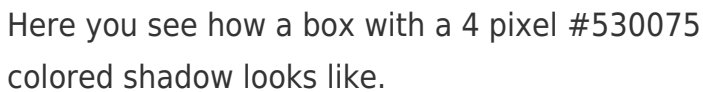
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#530075 }
```

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

```
.border{ border-color:#530075 }
```

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



Here you see how a box with a 4 pixel #530075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #530075; -webkit-box-shadow:4px 4px  
4px 4px #530075; box-shadow:4px 4px 4px  
4px #530075 }
```

Background

The CSS property to change the background color of an element to Hex 530075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#530075 }
```

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

```
.background{ background-color:#530075 }
```

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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