

Converting Colors

Hex(530A74)

Have a look what the booklet for
Hex(530A74) contains.

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Color

Hex(530A74)

Conversions

Conversions Part 1

Format	Color
Hex	530A74
RGB	83, 10, 116
RGB Percent	33%, 4%, 45%
CMY	0.6745, 0.9608, 0.5451
CMYK	0.28, 0.91, 0.00, 0.55
HSL	281°, 84%, 25%
HSV	281°, 91%, 45%
XYZ	6.8282, 3.3170, 16.8034
YIQ	43.9110, 9.4820, 48.4420

Conversions

Conversions Part 2

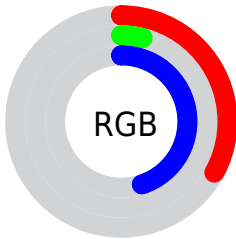
Format	Color
R _Y B	83, 10, 116
Decimal	5442164
CIE Lab	21.27, 47.20, -43.02
CIE LCh	21, 63.863, 317.656
Yxy	3.3170, 0.2534, 0.1231
Android (android.graphics.Color)	4283632244 (0xFF530A74)
YUV	43.9110, 35.5399, 34.2811
Hunter-Lab	18.2127, 35.0498, -41.9530

Details

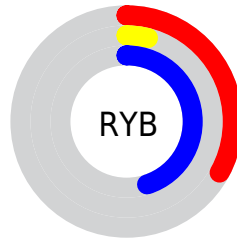
The Hex color **530A74** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2B740A**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **8942A9**, and **220043** is the 20% darker color. If you saturate the color by 10%, you get **500074**, and if you desaturate by 10%, it is **571674**.

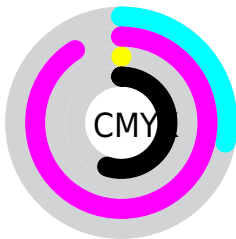
Distribution



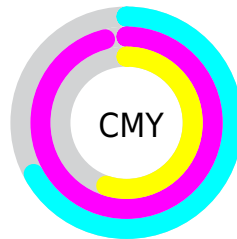
- Red (33%)
- Green (4%)
- Blue (45%)



- Red (33%)
- Yellow (4%)
- Blue (45%)



- Cyan (28%)
- Magenta (91%)
- Yellow (0%)
- Black (55%)



- Cyan (67%)
- Magenta (96%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 530A74 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 530A74 by changing the saturation by 10% instead.

■ 530A74

■ 530A74

FFFFFF

■ 39005B

■ 8942A9

■ 220043

■ A45CC4

■ 00002C

■ C076E1

■ 000116

■ DD90FE

■ 000000

■ FAACFF

■ FFC8FF

■ FFE4FF

■ 530A74

■ 530A74

■ 500074

■ 571674

■ 5A2174

■ 5E2D74

■ 613874

■ 654474

■ 695074

■ 6C5B74

■ 706774

■ 747274

Harmonies

Analogous

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



003190



530A74



790049

Triad

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



530A74



502A00



00444F

Complementary

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



530A74



2B740A

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.



00431D



530A74



253900

Square

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



530A74



6E0000



004000



00447A

Rectangle

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



530A74



7F002A



004000



00443F

Sweetspot

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



530A74



8A6E96



0A2C74



45344D



CCCCCC



4D4D4D

Same Dimension

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



530A74



680096



740A61



39353B



54007A



AC00FA

Inverse Universe

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



740A2B



96002F



0A741D



3B3537



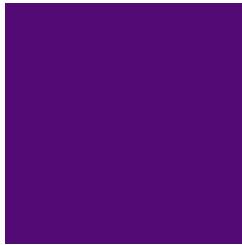
7A0026



FA004E

Previews

White Background



This preview shows how the Hex color 530A74 looks on a white background.

Color Contrast Check

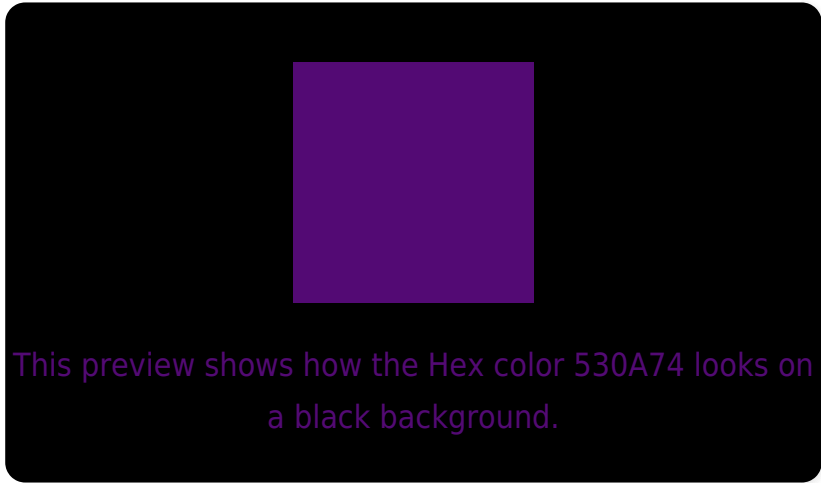
Large Text (above 18pt) WCAG AA ✓ Pass

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

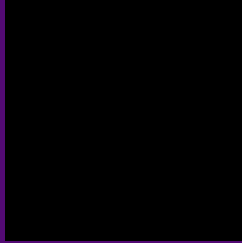
Any Text WCAG AA × Fail

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 530A74 Background



This preview shows how black text looks on a background with the Hex color 530A74.



This preview shows how white text looks on a background with the Hex color 530A74.

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
530A74

Protanopia
00346D

Deuteranopia
00375E



Tritanopia
482E31

Trichromacy



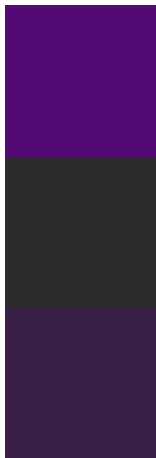
Original Color
530A74

Protanomaly
1E2570

Deuteranomaly
1E2766

Tritanomaly
4C2149

Monochromacy



Original Color
530A74

Achromatopsia
2C2C2C

Achromatomaly
3A2046

CSS Examples

Text

The CSS property to change the color of the text to Hex 530A74 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 #530A74 looks like.

```
.text, #text, p{  
    color:#530A74  
}
```

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 #530A74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #530A74  
}
```

Border

The CSS property to change the border of an element to Hex 530A74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

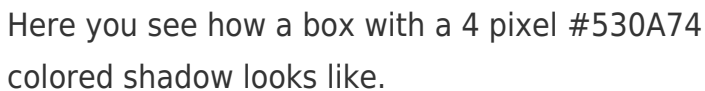
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#530A74 }
```

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

```
.border{ border-color:#530A74 }
```

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



Here you see how a box with a 4 pixel #530A74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #530A74; -webkit-box-shadow:4px 4px  
4px 4px #530A74; box-shadow:4px 4px 4px  
4px #530A74 }
```

Background

The CSS property to change the background color of an element to Hex 530A74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#530A74 }
```

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

```
.background{ background-color:#530A74 }
```

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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