

Converting Colors

Hex(500072)

Have a look what the booklet for
Hex(500072) contains.

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Color

Hex(500072)

Conversions

Conversions Part 1

Format	Color
Hex	500072
RGB	80, 0, 114
RGB Percent	31%, 0%, 45%
CMY	0.6863, 1.0000, 0.5529
CMYK	0.30, 1.00, 0.00, 0.55
HSL	282°, 100%, 22%
HSV	282°, 100%, 45%
XYZ	6.3455, 2.9204, 16.1488
YIQ	36.9160, 11.0860, 52.4140

Conversions

Conversions Part 2

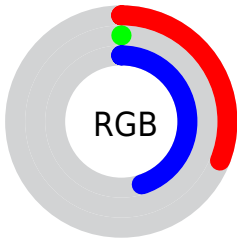
Format	Color
RYB	80, 0, 114
Decimal	5242994
CIELab	19.72, 48.86, -44.28
CIElCh	20, 65.938, 317.819
Yxy	2.9204, 0.2497, 0.1149
Android (android.graphics.Color)	4283433074 (0xFF500072)
YUV	36.9160, 38.0024, 37.7847
Hunter-Lab	17.0891, 36.3746, -44.0653

Details

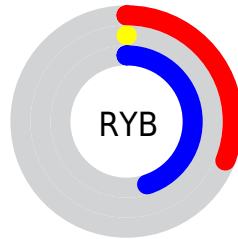
The Hex color **500072** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **227200**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **863CA7**, and **200041** is the 20% darker color. If you saturate the color by 10%, you get **500072**, and if you desaturate by 10%, it is **530B72**.

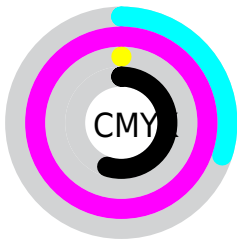
Distribution



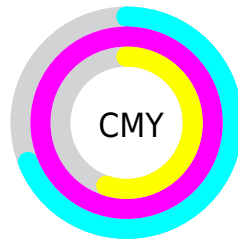
- Red (31%)
- Green (0%)
- Blue (45%)



- Red (31%)
- Yellow (0%)
- Blue (45%)



- Cyan (30%)
- Magenta (100%)
- Yellow (0%)
- Black (55%)



- Cyan (69%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 500072 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 500072 by changing the saturation by 10% instead.

 500072

 500072

 FFFCFF

 360059

 863CA7

 200041

 A156C2

 00002A

 BD70DF

 000114

 DA8BFB

 000000

 F8A6FF

 FFC2FF

 FFDEFF

 500072

■ 530B72

■ 571772

■ 5A2272

■ 5E2E72

■ 613972

■ 644472

■ 685072

■ 6B5B72

■ 6F6772

Harmonies

Analogous

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



002D8F



500072



760046

Triad

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



500072



4C2700



00414C

Complementary

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



500072



227200

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.



004019



500072



203600

Square

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



500072



6B0000



003D00



004178

Rectangle

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



500072



7D0026



003D00



00413C

Sweetspot

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



500072



876894



002272



422F4A



C9C9C9



4A4A4A

Same Dimension

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



500072



680094



72005B



363238



540078



AE00F7

Inverse Universe

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



720022



94002C



007217



383234



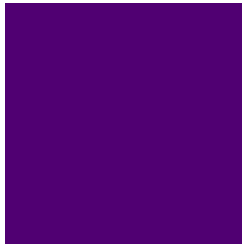
780024



F7004A

Previews

White Background



This preview shows how the Hex color 500072 looks on a white background.

Color Contrast Check

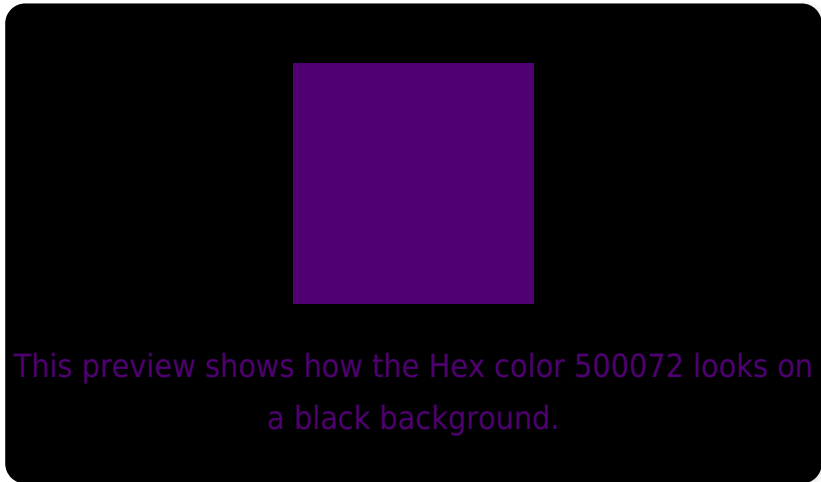
Large Text (above 18pt) WCAG AA ✓ Pass

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

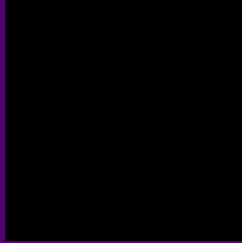
Any Text WCAG AA × Fail

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 500072 Background



This preview shows how black text looks on a background with the Hex color 500072.



This preview shows how white text looks on a background with the Hex color 500072.

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
500072

Protanopia
003269

Deuteranopia
00355B



Tritanopia
452D30

Trichromacy



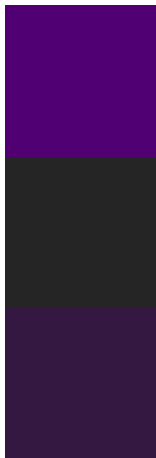
Original Color
500072

Protanomaly
1D206C

Deuteranomaly
1D2263

Tritanomaly
491D48

Monochromacy



Original Color
500072

Achromatopsia
252525

Achromatomaly
351841

CSS Examples

Text

The CSS property to change the color of the text to Hex 500072 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 #500072 looks like.

```
.text, #text, p{  
    color:#500072  
}
```

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 #500072 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #500072
}
```

Border

The CSS property to change the border of an element to Hex 500072 is called "border". The border property can be set on classes, ids or directly on the HTML element.

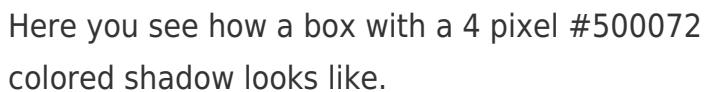
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#500072 }
```

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

```
.border{ border-color:#500072 }
```

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



Here you see how a box with a 4 pixel #500072 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #500072; -webkit-box-shadow:4px 4px  
4px 4px #500072; box-shadow:4px 4px 4px  
4px #500072 }
```

Background

The CSS property to change the background color of an element to Hex 500072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#500072 }
```

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

```
.background{ background-color:#500072 }
```

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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