

Converting Colors

Hex(500096)

Have a look what the booklet for
Hex(500096) contains.

Hex(500096)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(500096)

Conversions

Conversions Part 1

Format	Color
Hex	500096
RGB	80, 0, 150
RGB Percent	31%, 0%, 59%
CMY	0.6863, 1.0000, 0.4118
CMYK	0.47, 1.00, 0.00, 0.41
HSL	272°, 100%, 29%
HSV	272°, 100%, 59%
XYZ	8.8133, 3.9075, 29.1439
YIQ	41.0200, -0.4700, 63.6100

Conversions

Conversions Part 2

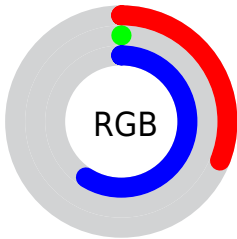
Format	Color
R_{YB}	80, 0, 150
Decimal	5243030
CIE _{Lab}	23.36, 56.64, -61.02
CIE _{LCh}	23, 83.260, 312.866
Yxy	3.9075, 0.2105, 0.0933
Android (android.graphics.Color)	4283433110 (0xFF500096)
YUV	41.0200, 53.7271, 34.1855
Hunter-Lab	19.7674, 44.9915, -73.5767

Details

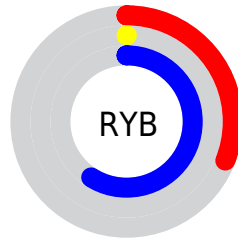
The Hex color **500096** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **469600**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **8940CD**, and **0F0062** is the 20% darker color. If you saturate the color by 10%, you get **500096**, and if you desaturate by 10%, it is **570F96**.

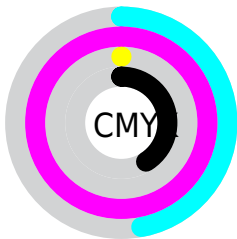
Distribution



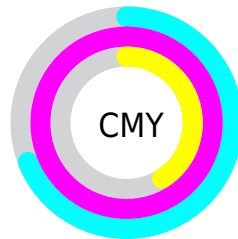
- Red (31%)
- Green (0%)
- Blue (59%)



- Red (31%)
- Yellow (0%)
- Blue (59%)



- Cyan (47%)
- Magenta (100%)
- Yellow (0%)
- Black (41%)



- Cyan (69%)
- Magenta (100%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 500096 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 500096 by changing the saturation by 10% instead.

 500096

 500096

FFFFFF

 32007B


 8940CD

 0F0062

 A65AEA

 000049

 C375FF

 000431

 E090FF

 00011B

 FEABFF

 000000

 FFC8FF

 FFE4FF

 500096

■ 570F96

■ 5E1E96

■ 652D96

■ 6C3C96

■ 734B96

■ 7A5A96

■ 816996

■ 887896

■ 8F8796

Harmonies

Analogous

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



003AB7



500096



8D005E

Triad

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



500096



612600



004C52

Complementary

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



500096



469600

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.



004A0D



500096



2C3E00

Square

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



500096



870000



004700



004D8E

Rectangle

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



500096



990035



004700



004B3D

Sweetspot

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



500096



A788C2



004696



513E61



E0E0E0



616161

Same Dimension

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



500096



6700C2



960091



46434A



49008A



05000A

Inverse Universe

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



960046



C2005A



009605



4A4346



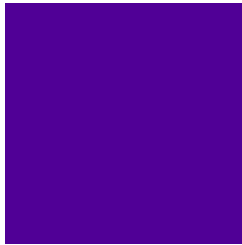
8A0040



0A0005

Previews

White Background



This preview shows how the Hex color 500096 looks on a white background.

Color Contrast Check

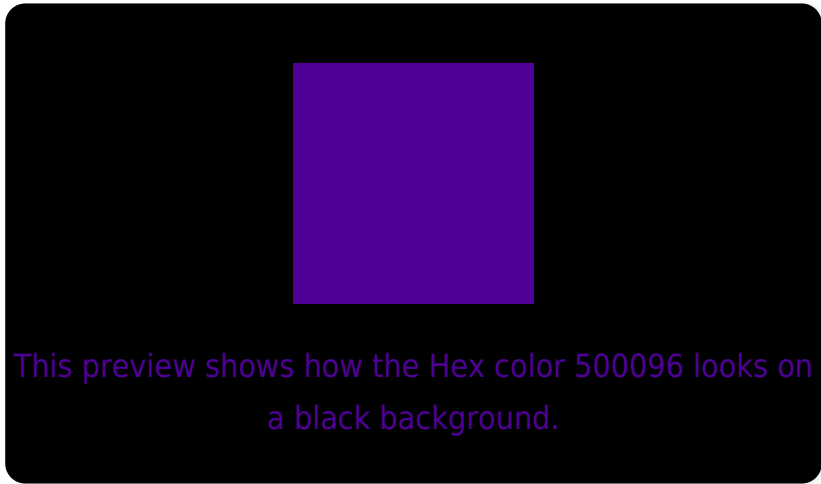
Large Text (above 18pt) WCAG AA ✓ Pass

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

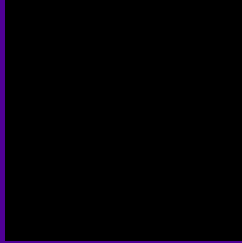
Any Text WCAG AA × Fail

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 500096 Background



This preview shows how black text looks on a background with the Hex color 500096.



This preview shows how white text looks on a background with the Hex color 500096.

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
500096

Protanopia
003978

Deuteranopia
003D66



Tritanopia
3A3A3F

Trichromacy



Original Color
500096

Protanomaly
1D2483

Deuteranomaly
1D2777

Tritanomaly
42255F

Monochromacy



Original Color
500096

Achromatopsia
292929

Achromatomaly
371A51

CSS Examples

Text

The CSS property to change the color of the text to Hex 500096 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 #500096 looks like.

```
.text, #text, p{  
    color:#500096  
}
```

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 #500096 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #500096
}
```

Border

The CSS property to change the border of an element to Hex 500096 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
#500096 }
```

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

```
.border{ border-color:#500096 }
```

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

Here you see how a box with a 4 pixel #500096 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #500096; -webkit-box-shadow:4px 4px  
4px 4px #500096; box-shadow:4px 4px 4px  
4px #500096 }
```

Background

The CSS property to change the background color of an element to Hex 500096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#500096 }
```

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

```
.background{ background-color:#500096 }
```

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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