

Converting Colors

Hex(500196)

Have a look what the booklet for
Hex(500196) contains.

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Color

Hex(500196)

Conversions

Conversions Part 1

Format	Color
Hex	500196
RGB	80, 1, 150
RGB Percent	31%, 0%, 59%
CMY	0.6863, 0.9961, 0.4118
CMYK	0.47, 0.99, 0.00, 0.41
HSL	272°, 99%, 30%
HSV	272°, 99%, 59%
XYZ	8.8241, 3.9292, 29.1475
YIQ	41.6070, -0.7450, 63.0870

Conversions

Conversions Part 2

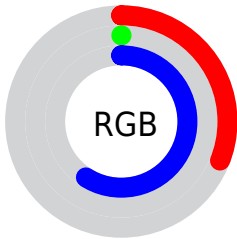
Format	Color
R_{YB}	80, 1, 150
Decimal	5243286
CIE Lab	23.44, 56.42, -60.90
CIE LCh	23, 83.021, 312.811
Yxy	3.9292, 0.2106, 0.0938
Android (android.graphics.Color)	4283433366 (0xFF500196)
YUV	41.6070, 53.4377, 33.6707
Hunter-Lab	19.8222, 44.7731, -73.3073

Details

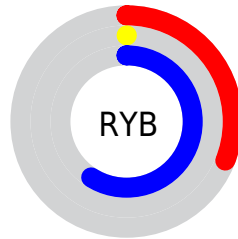
The Hex color **500196** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **479601**, and the grayscale version is **292929**.

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 **571096**.

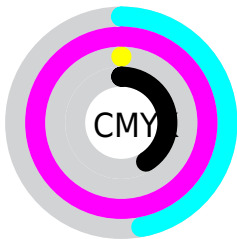
Distribution



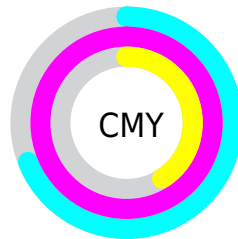
- Red (31%)
- Green (0%)
- Blue (59%)



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



- Cyan (47%)
- Magenta (99%)
- Yellow (0%)
- Black (41%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 500196 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 500196 by changing the saturation by 10% instead.

 500196

 500196

FFFFFF

 32007B

 8940CD

 0F0062

 A65BEA

 000049

 C375FF

 000431

 E090FF

 00011B

 FEACFF

 000000

 FFC8FF

 FFE5FF

 500196

 500196

■ 500096

■ 571096

■ 5E1F96

■ 652E96

■ 6C3D96

■ 734C96

■ 7A5B96

■ 816A96

■ 887996

■ 8F8896

Harmonies

Analogous

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



003BB6



500196



8D005E

Triad

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



500196



622600



004C52

Complementary

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



500196



479601

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



500196



2C3E00

Square

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



500196



870000



004700



004D8E

Rectangle

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



500196



990036



004700



004C3D

Sweetspot

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



500196



A688C2



014996



513E61



E0E0E0



616161

Same Dimension

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



500196



6700C2



960194



46434A



49008A



05000A

Inverse Universe

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



960147



C2005B



019603



4A4346



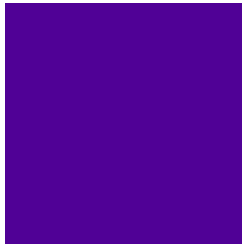
8A0041



0A0005

Previews

White Background



This preview shows how the Hex color 500196 looks on a white background.

Color Contrast Check

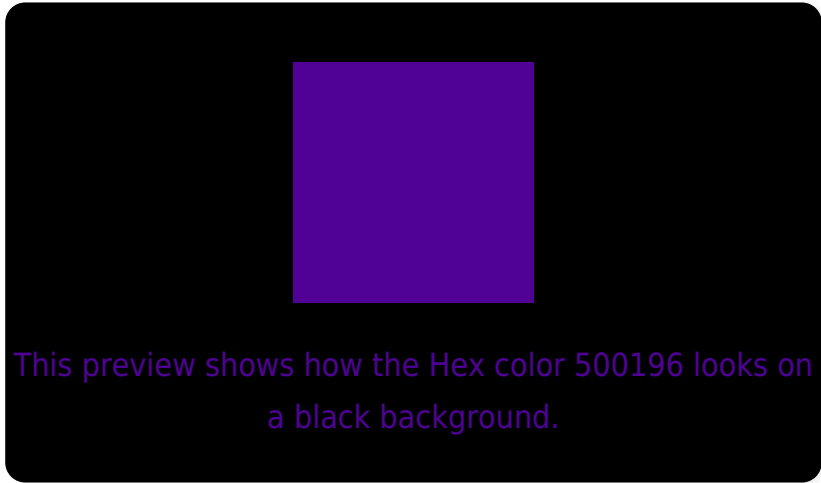
Large Text (above 18pt) WCAG AA ✓ Pass

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

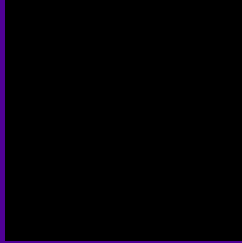
Any Text WCAG AA × Fail

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 500196 Background



This preview shows how black text looks on a background with the Hex color 500196.

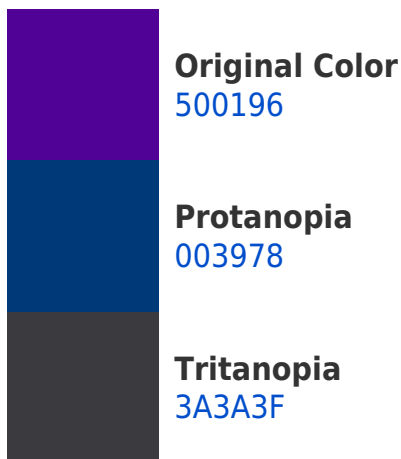


This preview shows how white text looks on a background with the Hex color 500196.

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



Trichromacy

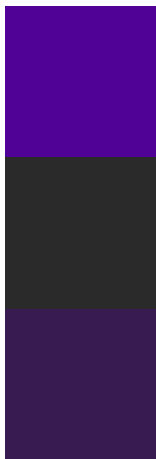


Original Color
500196

Protanomaly
1D2583

Tritanomaly
42255F

Monochromacy



Original Color
500196

Achromatopsia
2A2A2A

Achromatomaly
381B51

CSS Examples

Text

The CSS property to change the color of the text to Hex 500196 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 #500196 looks like.

```
.text, #text, p{  
    color:#500196  
}
```

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 #500196 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #500196
}
```

Border

The CSS property to change the border of an element to Hex 500196 is called "border". The border property can be set on classes, ids or directly on the HTML element.

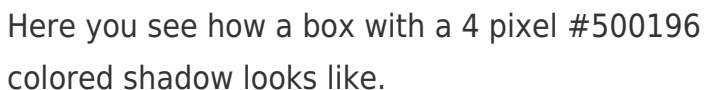
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#500196 }
```

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

```
.border{ border-color:#500196 }
```

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



Here you see how a box with a 4 pixel #500196 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #500196; -webkit-box-shadow:4px 4px  
4px 4px #500196; box-shadow:4px 4px 4px  
4px #500196 }
```

Background

The CSS property to change the background color of an element to Hex 500196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#500196 }
```

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

```
.background{ background-color:#500196 }
```

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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