

Converting Colors

Hex(500129)

Have a look what the booklet for
Hex(500129) contains.

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Color

Hex(500129)

Conversions

Conversions Part 1

Format	Color
Hex	500129
RGB	80, 1, 41
RGB Percent	31%, 0%, 16%
CMY	0.6863, 0.9961, 0.8392
CMYK	0.00, 0.99, 0.49, 0.69
HSL	330°, 98%, 16%
HSV	330°, 99%, 31%
XYZ	3.7194, 1.8873, 2.2661
YIQ	29.1810, 34.2440, 29.1880

Conversions

Conversions Part 2

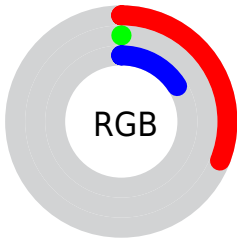
Format	Color
RYB	80, 1, 41
Decimal	5243177
CIELab	14.88, 36.63, -1.76
CIElCh	15, 36.672, 357.242
Yxy	1.8873, 0.4724, 0.2397
Android (android.graphics.Color)	4283433257 (0xFF500129)
YUV	29.1810, 5.8268, 44.5683
Hunter-Lab	13.7378, 24.2857, -0.1635

Details

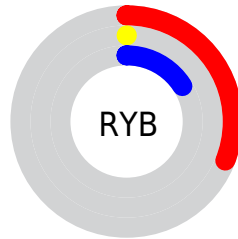
The Hex color **500129** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **015028**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **853756**, and **1C0001** is the 20% darker color. If you saturate the color by 10%, you get **500029**, and if you desaturate by 10%, it is **50092D**.

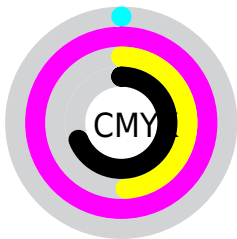
Distribution



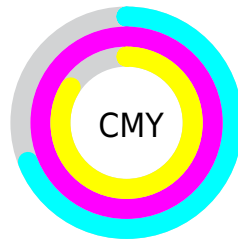
- Red (31%)
- Green (0%)
- Blue (16%)



- Red (31%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (99%)
- Yellow (49%)
- Black (69%)



- Cyan (69%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 500129 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 500129 by changing the saturation by 10% instead.

 500129

 500129

 FFF3FF

 370015

 853756

 1C0001

 A1506E

 000000

 BD6A88

 D984A2

 F79FBD

 FFBAD9

 FFD6F5

 500129

 500129

■ 500029

■ 50092D

■ 501131

■ 501935

■ 502139

■ 50293D

■ 503141

■ 503945

■ 504149

■ 50494D

Harmonies

Analogous

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



411042



500129



50070F

Triad

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



500129



192B00



002F51

Complementary

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



500129



015028

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.



00303D



500129



002E03

Square

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



500129



322400



003022



002A5A

Rectangle

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



500129



4A1300



003022



002F4B

Sweetspot

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



500129



694959



270150



36222C



B5B5B5



363636

Same Dimension

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



500129



690035



500102



292527



E80075

Inverse Universe

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



500129



690035



01504F



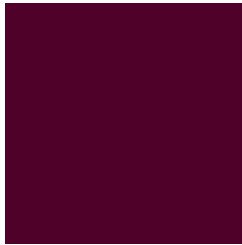
292527



E80075

Previews

White Background



This preview shows how the Hex color 500129 looks on a white background.

Color Contrast Check

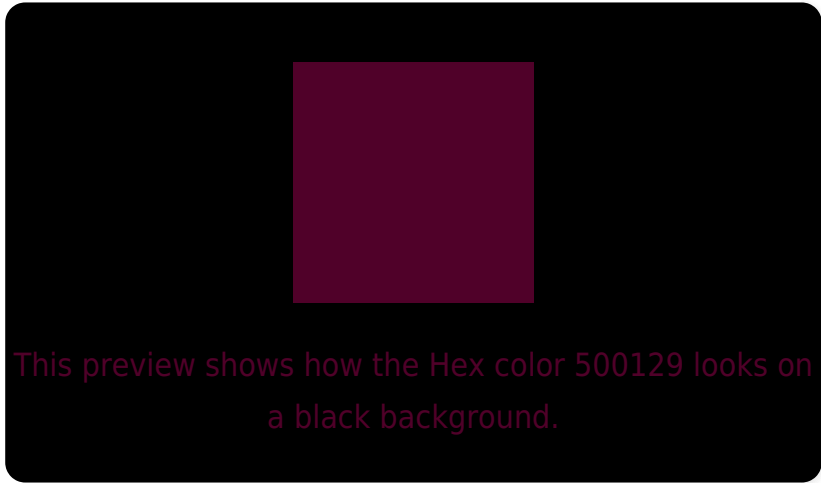
Large Text (above 18pt) WCAG AA ✓ Pass

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 500129 Background



This preview shows how black text looks on a background with the Hex color 500129.



This preview shows how white text looks on a background with the Hex color 500129.

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
500129

Protanopia
24293B

Deuteranopia
2F2826



Tritanopia
4F1010

Trichromacy



Original Color
500129

Protanomaly
341A34

Deuteranomaly
3B1A27

Tritanomaly
4F0B19

Monochromacy



Original Color
500129

Achromatopsia
1D1D1D

Achromatomaly
301321

CSS Examples

Text

The CSS property to change the color of the text to Hex 500129 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 #500129 looks like.

```
.text, #text, p{  
    color:#500129  
}
```

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 #500129 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #500129
}
```

Border

The CSS property to change the border of an element to Hex 500129 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".

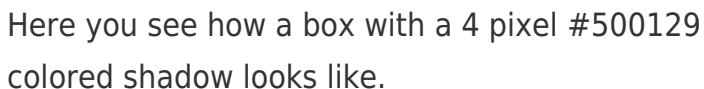
```
.border, #border, table{ border:4px solid
#500129 }
```

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

```
.border{ border-color:#500129 }
```

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

Here you see how a box with a 4 pixel #500129 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom sides of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #500129 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #500129; -webkit-box-shadow:4px 4px  
4px 4px #500129; box-shadow:4px 4px 4px  
4px #500129 }
```

Background

The CSS property to change the background color of an element to Hex 500129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#500129 }
```

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

```
.background{ background-color:#500129 }
```

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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