

Converting Colors

Hex(500D5A)

Have a look what the booklet for
Hex(500D5A) contains.

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Color

Hex(500D5A)

Conversions

Conversions Part 1

Format	Color
Hex	500D5A
RGB	80, 13, 90
RGB Percent	31%, 5%, 35%
CMY	0.6863, 0.9490, 0.6471
CMYK	0.11, 0.86, 0.00, 0.65
HSL	292°, 75%, 20%
HSV	292°, 86%, 35%
XYZ	5.2977, 2.7315, 9.9209
YIQ	41.8110, 15.2150, 38.1510

Conversions

Conversions Part 2

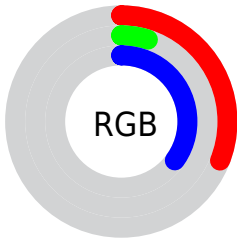
Format	Color
RYB	80, 13, 90
Decimal	5246298
CIELab	18.93, 40.41, -29.76
CIELCh	19, 50.190, 323.628
Yxy	2.7315, 0.2951, 0.1522
Android (android.graphics.Color)	4283436378 (0xFF500D5A)
YUV	41.8110, 23.7572, 33.4918
Hunter-Lab	16.5273, 28.2937, -24.0211

Details

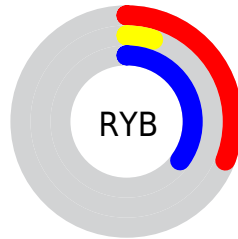
The Hex color **500D5A** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **175A0D**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **84418D**, and **23002C** is the 20% darker color. If you saturate the color by 10%, you get **4F045A**, and if you desaturate by 10%, it is **51165A**.

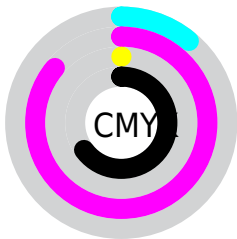
Distribution



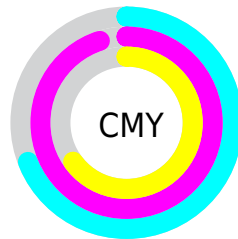
- Red (31%)
- Green (5%)
- Blue (35%)



- Red (31%)
- Yellow (5%)
- Blue (35%)



- Cyan (11%)
- Magenta (86%)
- Yellow (0%)
- Black (65%)



- Cyan (69%)
- Magenta (95%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 500D5A 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 500D5A by changing the saturation by 10% instead.

 500D5A

 500D5A

FFFFFF

 370042

 84418D

 23002C

 9F5AA7

 000116

 BB74C3

 000000

 D78EDF

 F4AAFB

 FFC5FF

 FFE2FF

 500D5A

 500D5A

■ 4F045A

■ 51165A

■ 4E005A

■ 521F5A

■ 54285A

■ 55315A

■ 563A5A

■ 57435A

■ 584C5A

■ 59555A

■ 5B5E5A

Harmonies

Analogous

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



002872



500D5A



680037

Triad

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



500D5A



402A00



003C4B

Complementary

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



500D5A



175A0D

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.



003C25



500D5A



1E3400

Square

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



500D5A



5A1600



003900



003B69

Rectangle

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



500D5A



6A0020



003900



003C3E

Sweetspot

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



500D5A



715775



0D175A



38283B



BABABA



3B3B3B

Same Dimension

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



500D5A



660075



5A0D3E



2D292E



5F006E



CE00ED

Inverse Universe

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



5A0D17



75000F



0D5A29



2E292A



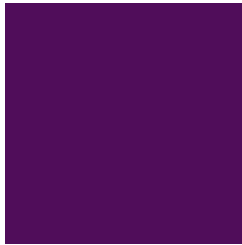
6E000E



ED001F

Previews

White Background



This preview shows how the Hex color 500D5A looks on a white background.

Color Contrast Check

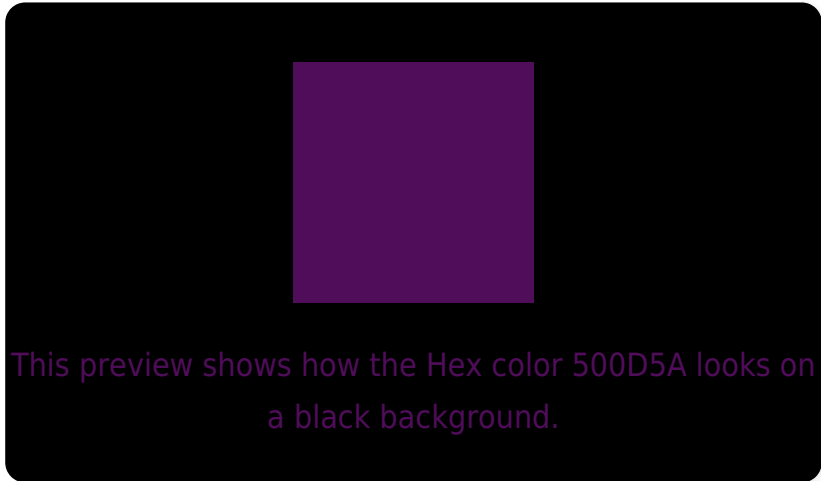
Large Text (above 18pt) WCAG AA ✓ Pass

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

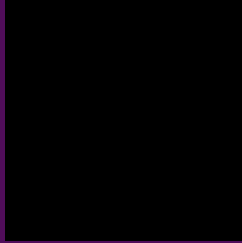
Any Text WCAG AA × Fail

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 500D5A Background



This preview shows how black text looks on a background with the Hex color 500D5A.



This preview shows how white text looks on a background with the Hex color 500D5A.

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
500D5A

Protanopia
002F62

Deuteranopia
103155



Tritanopia
4A2527

Trichromacy



Original Color
500D5A

Protanomaly
1D235F

Deuteranomaly
272457

Tritanomaly
4C1C3A

Monochromacy



Original Color
500D5A

Achromatopsia
2A2A2A

Achromatomaly
381F3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 500D5A 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 #500D5A looks like.

```
.text, #text, p{  
    color:#500D5A  
}
```

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 #500D5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #500D5A
}
```

Border

The CSS property to change the border of an element to Hex 500D5A is called "border". The border property can be set on classes, ids or directly on the HTML element.

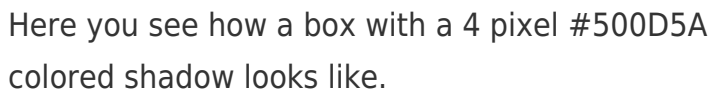
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#500D5A }
```

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

```
.border{ border-color:#500D5A }
```

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



Here you see how a box with a 4 pixel #500D5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #500D5A; -webkit-box-shadow:4px 4px  
4px 4px #500D5A; box-shadow:4px 4px 4px  
4px #500D5A }
```

Background

The CSS property to change the background color of an element to Hex 500D5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#500D5A }
```

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

```
.background{ background-color:#500D5A }
```

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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