

Converting Colors

Hex(500D66)

Have a look what the booklet for
Hex(500D66) contains.

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Color

Hex(500D66)

Conversions

Conversions Part 1

Format	Color
Hex	500D66
RGB	80, 13, 102
RGB Percent	31%, 5%, 40%
CMY	0.6863, 0.9490, 0.6000
CMYK	0.22, 0.87, 0.00, 0.60
HSL	285°, 77%, 23%
HSV	285°, 87%, 40%
XYZ	5.8505, 2.9526, 12.8319
YIQ	43.1790, 11.3630, 41.8830

Conversions

Conversions Part 2

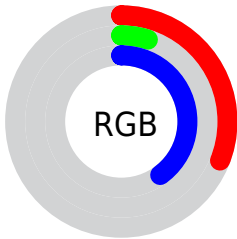
Format	Color
R_{YB}	80, 13, 102
Decimal	5246310
CIE _{Lab}	19.85, 42.88, -36.24
CIE _{LCh}	20, 56.142, 319.796
Yxy	2.9526, 0.2704, 0.1365
Android (android.graphics.Color)	4283436390 (0xFF500D66)
YUV	43.1790, 28.9988, 32.2920
Hunter-Lab	17.1832, 30.7042, -32.2478

Details

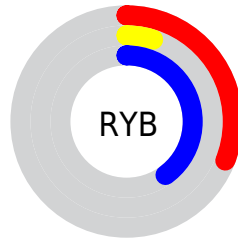
The Hex color **500D66** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **23660D**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **84429A**, and **230037** is the 20% darker color. If you saturate the color by 10%, you get **4D0366**, and if you desaturate by 10%, it is **531766**.

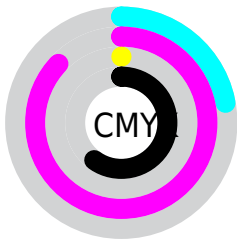
Distribution



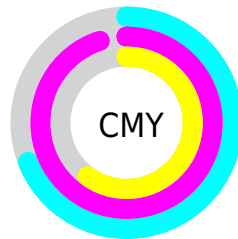
- Red (31%)
- Green (5%)
- Blue (40%)



- Red (31%)
- Yellow (5%)
- Blue (40%)



- Cyan (22%)
- Magenta (87%)
- Yellow (0%)
- Black (60%)



- Cyan (69%)
- Magenta (95%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 500D66 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 500D66 by changing the saturation by 10% instead.

 500D66

 500D66

FFFFFF

 37004E

 84429A

 230037

 A05BB5

 000220

 BC75D1

 000004

 D890ED

 000000

 F5ABFF

 FFC7FF

 FFE3FF

 500D66

 500D66

■ 4D0366

■ 531766

■ 4D0066

■ 552166

■ 582C66

■ 5A3666

■ 5D4066

■ 5F4A66

■ 625466

■ 645F66

■ 676966

Harmonies

Analogous

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



002C7F



500D66



6E0040

Triad

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



500D66



482900



00404B

Complementary

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



500D66



23660D

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.



003F20



500D66



223600

Square

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



500D66



630E00



003C00



003F6F

Rectangle

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



500D66



730025



003C00



003F3D

Sweetspot

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



500D66



7C6285



0D2366



3D2E42



C2C2C2



424242

Same Dimension

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



500D66



640085



660D50



322E33



560073



B600F2

Inverse Universe

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



660D23



850021



0D6623



332E2F



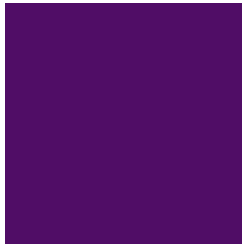
73001C



F2003C

Previews

White Background



This preview shows how the Hex color 500D66 looks on a white background.

Color Contrast Check

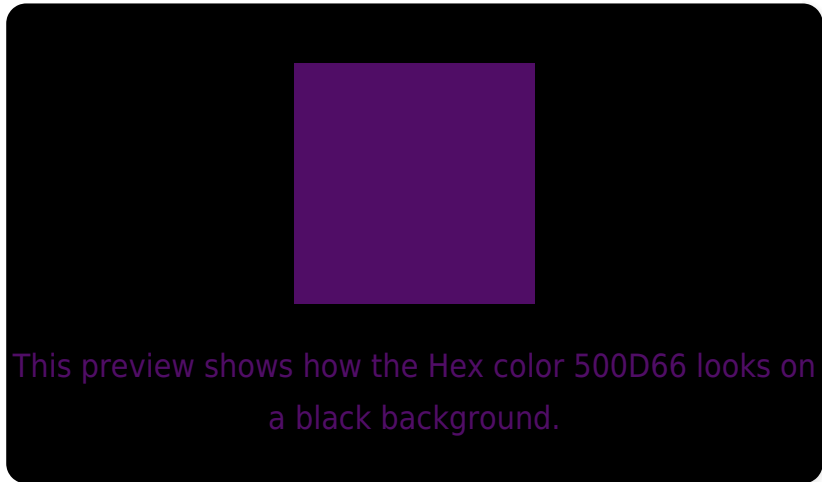
Large Text (above 18pt) WCAG AA ✓ Pass

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

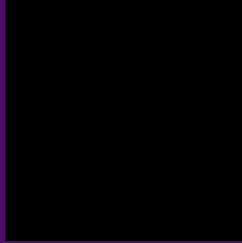
Any Text WCAG AA × Fail

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 500D66 Background



This preview shows how black text looks on a background with the Hex color 500D66.



This preview shows how white text looks on a background with the Hex color 500D66.

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
500D66

Protanopia
003066

Deuteranopia
00335A



Tritanopia
47292C

Trichromacy



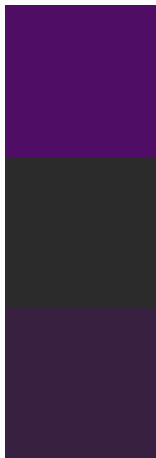
Original Color
500D66

Protanomaly
1D2366

Deuteranomaly
1D255E

Tritanomaly
4A1F41

Monochromacy



Original Color
500D66

Achromatopsia
2B2B2B

Achromatomaly
382040

CSS Examples

Text

The CSS property to change the color of the text to Hex 500D66 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 #500D66 looks like.

```
.text, #text, p{  
    color:#500D66  
}
```

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 #500D66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #500D66
}
```

Border

The CSS property to change the border of an element to Hex 500D66 is called "border". The border property can be set on classes, ids or directly on the HTML element.

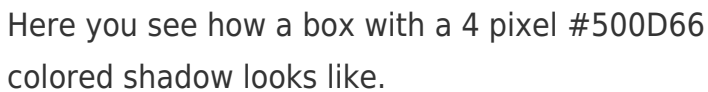
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#500D66 }
```

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

```
.border{ border-color:#500D66 }
```

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



Here you see how a box with a 4 pixel #500D66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #500D66; -webkit-box-shadow:4px 4px  
4px 4px #500D66; box-shadow:4px 4px 4px  
4px #500D66 }
```

Background

The CSS property to change the background color of an element to Hex 500D66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#500D66 }
```

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

```
.background{ background-color:#500D66 }
```

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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