

Converting Colors

Hex(500D57)

Have a look what the booklet for
Hex(500D57) contains.

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Color

Hex(500D57)

Conversions

Conversions Part 1

Format	Color
Hex	500D57
RGB	80, 13, 87
RGB Percent	31%, 5%, 34%
CMY	0.6863, 0.9490, 0.6588
CMYK	0.08, 0.85, 0.00, 0.66
HSL	294°, 74%, 20%
HSV	294°, 85%, 34%
XYZ	5.1725, 2.6814, 9.2618
YIQ	41.4690, 16.1780, 37.2180

Conversions

Conversions Part 2

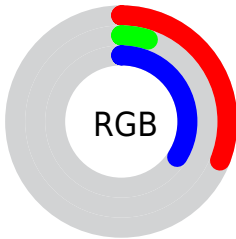
Format	Color
R_{YB}	80, 13, 87
Decimal	5246295
CIE _{Lab}	18.72, 39.82, -28.10
CIE _{LCh}	19, 48.735, 324.796
Yxy	2.6814, 0.3022, 0.1567
Android (android.graphics.Color)	4283436375 (0xFF500D57)
YUV	41.4690, 22.4468, 33.7917
Hunter-Lab	16.3751, 27.7273, -22.0719

Details

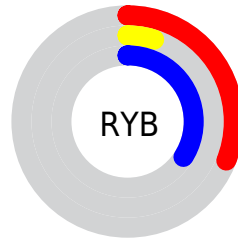
The Hex color **500D57** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **14570D**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **844189**, and **230029** is the 20% darker color. If you saturate the color by 10%, you get **4F0457**, and if you desaturate by 10%, it is **511657**.

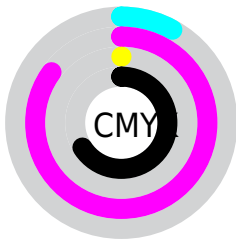
Distribution



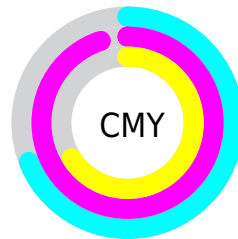
- Red (31%)
- Green (5%)
- Blue (34%)



- Red (31%)
- Yellow (5%)
- Blue (34%)



- Cyan (8%)
- Magenta (85%)
- Yellow (0%)
- Black (66%)



- Cyan (69%)
- Magenta (95%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 500D57 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 500D57 by changing the saturation by 10% instead.

 500D57

 500D57

FFFEFF

 37003F

 844189

 230029

 9F5AA4

 000113

 BB74BF

 000000

 D78EDB

 F4A9F8

 FFC5FF

 FFE1FF

 500D57

 500D57

■ 4F0457

■ 511657

■ 4F0057

■ 521E57

■ 522757

■ 533057

■ 543957

■ 554157

■ 564A57

■ 575357

■ 575B57

Harmonies

Analogous

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



0B276F



500D57



660035

Triad

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



500D57



3E2A00



003C4B

Complementary

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



500D57



14570D

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.



003B26



500D57



1C3400

Square

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



500D57



581800



003900



003A68

Rectangle

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



500D57



68001E



003900



003C3F

Sweetspot

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



500D57



6D5370



0D1457



362738



B8B8B8



383838

Same Dimension

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



500D57



660070



570D39



2B272B



61006B



D400EB

Inverse Universe

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



570D14



70000B



0D572B



2B2727



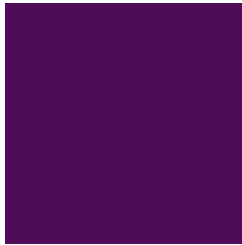
6B000A



EB0016

Previews

White Background



This preview shows how the Hex color 500D57 looks on a white background.

Color Contrast Check

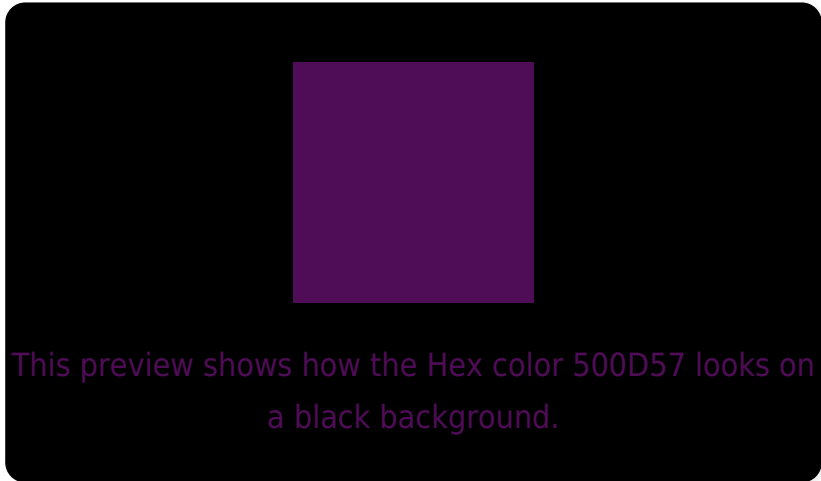
Large Text (above 18pt) WCAG AA ✓ Pass

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

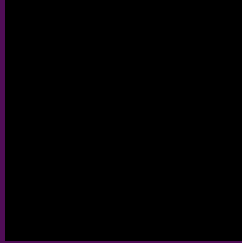
Any Text WCAG AA × Fail

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 500D57 Background



This preview shows how black text looks on a background with the Hex color 500D57.



This preview shows how white text looks on a background with the Hex color 500D57.

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
500D57

Protanopia
002E62

Deuteranopia
163052



Tritanopia
4A2426

Trichromacy



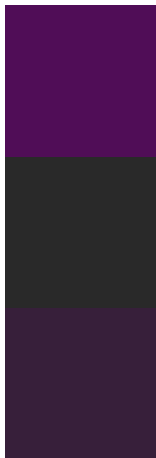
Original Color
500D57

Protanomaly
1D225E

Deuteranomaly
2B2354

Tritanomaly
4C1C38

Monochromacy



Original Color
500D57

Achromatopsia
292929

Achromatomaly
371F3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 500D57 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 #500D57 looks like.

```
.text, #text, p{  
    color:#500D57  
}
```

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 #500D57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #500D57
}
```

Border

The CSS property to change the border of an element to Hex 500D57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

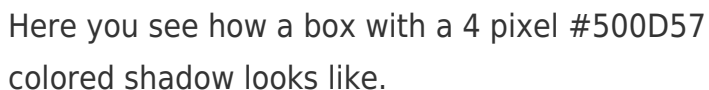
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#500D57 }
```

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

```
.border{ border-color:#500D57 }
```

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



Here you see how a box with a 4 pixel #500D57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #500D57; -webkit-box-shadow:4px 4px  
4px 4px #500D57; box-shadow:4px 4px 4px  
4px #500D57 }
```

Background

The CSS property to change the background color of an element to Hex 500D57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#500D57 }
```

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

```
.background{ background-color:#500D57 }
```

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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