

Converting Colors

Hex(500650)

Have a look what the booklet for
Hex(500650) contains.

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Color

Hex(500650)

Conversions

Conversions Part 1

Format	Color
Hex	500650
RGB	80, 6, 80
RGB Percent	31%, 2%, 31%
CMY	0.6863, 0.9765, 0.6863
CMYK	0.00, 0.92, 0.00, 0.69
HSL	300°, 86%, 17%
HSV	300°, 92%, 31%
XYZ	4.8214, 2.4149, 7.8014
YIQ	36.5620, 20.3500, 38.7020

Conversions

Conversions Part 2

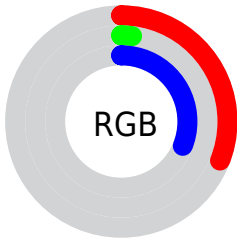
Format	Color
R_{YB}	80, 6, 80
Decimal	5244496
CIE _{Lab}	17.53, 40.57, -25.26
CIE _{LCh}	18, 47.787, 328.091
Yxy	2.4149, 0.3206, 0.1606
Android (android.graphics.Color)	4283434576 (0xFF500650)
YUV	36.5620, 21.4149, 38.0951
Hunter-Lab	15.5400, 28.1856, -18.8870

Details

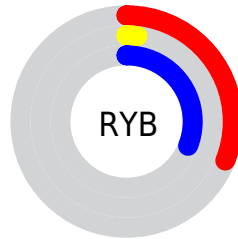
The Hex color **500650** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **065006**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **843D82**, and **220023** is the 20% darker color. If you saturate the color by 10%, you get **500050**, and if you desaturate by 10%, it is **500E50**.

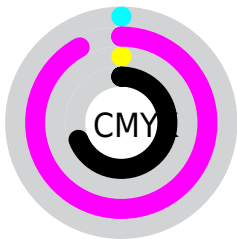
Distribution



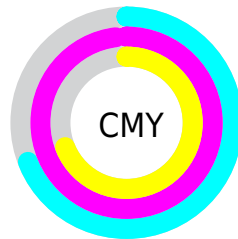
- Red (31%)
- Green (2%)
- Blue (31%)



- Red (31%)
- Yellow (2%)
- Blue (31%)



- Cyan (0%)
- Magenta (92%)
- Yellow (0%)
- Black (69%)



- Cyan (69%)
- Magenta (98%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 500650 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 500650 by changing the saturation by 10% instead.

 500650

 500650

 FFFAFF

 370039

 843D82

 220023

 9F569C

 000009

 BB70B7

 000000

 D78AD3

 F4A5EF

 FFC1FF

 FFDDFF

 500650

 500650

■ 500050

■ 500E50

■ 501650

■ 501E50

■ 502650

■ 502E50

■ 503650

■ 503E50

■ 504650

■ 504E50

Harmonies

Analogous

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



192369



500650



63002F

Triad

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



500650



382900



00394B

Complementary

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



500650



065006

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.



003828



500650



153200

Square

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



500650



521800



003600



003766

Rectangle

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



500650



640018



003600



003940

Sweetspot

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



500650



694B69



060650



362336



B5B5B5



363636

Same Dimension

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



500650



690069



50062B



292529



E800E8

Inverse Universe

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



500650



690069



06502B



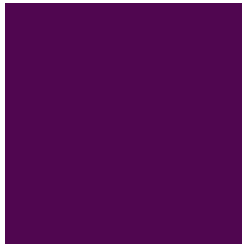
292529



E800E8

Previews

White Background



This preview shows how the Hex color 500650 looks on a white background.

Color Contrast Check

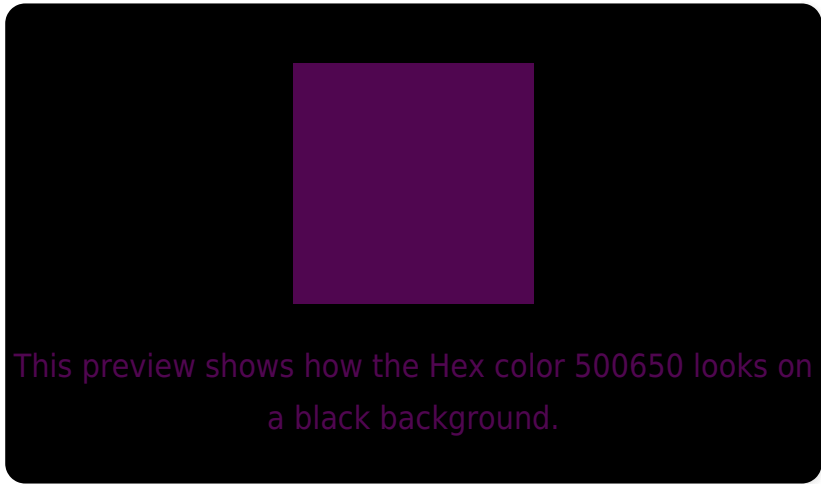
Large Text (above 18pt) WCAG AA ✓ Pass

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

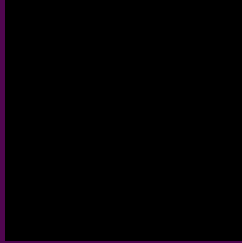
Any Text WCAG AA × Fail

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 500650 Background



This preview shows how black text looks on a background with the Hex color 500650.



This preview shows how white text looks on a background with the Hex color 500650.

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



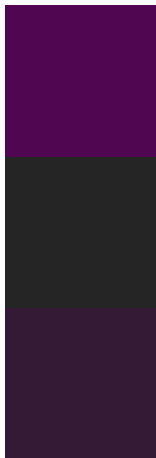
Original Color
500650

Protanomaly
1D1E59

Deuteranomaly
2F1F4D

Tritanomaly
4D1733

Monochromacy



Original Color
500650

Achromatopsia
252525

Achromatomaly
351A35

CSS Examples

Text

The CSS property to change the color of the text to Hex 500650 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 #500650 looks like.

```
.text, #text, p{  
    color:#500650  
}
```

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 #500650 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #500650
}
```

Border

The CSS property to change the border of an element to Hex 500650 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
#500650 }
```

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

```
.border{ border-color:#500650 }
```

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

Here you see how a box with a 4 pixel #500650 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #500650; -webkit-box-shadow:4px 4px  
4px 4px #500650; box-shadow:4px 4px 4px  
4px #500650 }
```

Background

The CSS property to change the background color of an element to Hex 500650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#500650 }
```

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

```
.background{ background-color:#500650 }
```

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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