

Converting Colors

Hex(520051)

Have a look what the booklet for
Hex(520051) contains.

Hex(520051)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(520051)

Conversions

Conversions Part 1

Format	Color
Hex	520051
RGB	82, 0, 81
RGB Percent	32%, 0%, 32%
CMY	0.6784, 1.0000, 0.6824
CMYK	0.00, 1.00, 0.01, 0.68
HSL	301°, 100%, 16%
HSV	301°, 100%, 32%
XYZ	4.9649, 2.3879, 7.9838
YIQ	33.7520, 22.8710, 42.5750

Conversions

Conversions Part 2

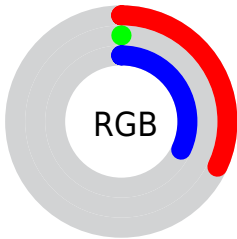
Format	Color
R_{YB}	82, 0, 81
Decimal	5374033
CIE _{Lab}	17.40, 42.92, -26.12
CIE _{LCh}	17, 50.246, 328.682
Yxy	2.3879, 0.3237, 0.1557
Android (android.graphics.Color)	4283564113 (0xFF520051)
YUV	33.7520, 23.2933, 42.3135
Hunter-Lab	15.4529, 30.3079, -19.8155

Details

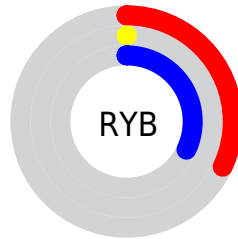
The Hex color **520051** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **005201**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **863A83**, and **230024** is the 20% darker color. If you saturate the color by 10%, you get **520051**, and if you desaturate by 10%, it is **520851**.

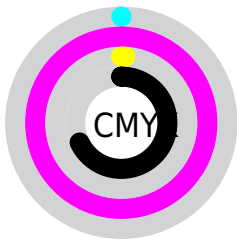
Distribution



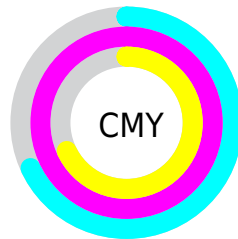
- Red (32%)
- Green (0%)
- Blue (32%)



- Red (32%)
- Yellow (0%)
- Blue (32%)



- Cyan (0%)
- Magenta (100%)
- Yellow (1%)
- Black (68%)



- Cyan (68%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 520051 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 520051 by changing the saturation by 10% instead.

 520051

 520051

 FFF8FF

 39003A

 863A83

 230024

 A2539D

 00000B

 BE6DB8

 000000

 DA88D4

 F7A3F0

 FFBEFF

 FFDBFF

 520051

■ 520851

■ 521051

■ 521951

■ 522151

■ 522951

■ 523152

■ 523952

■ 524252

■ 524A52

Harmonies

Analogous

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



18226B



520051



65002E

Triad

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



520051



372900



00394D

Complementary

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



520051



005201

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



520051



113200

Square

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



520051



521700



003600



003769

Rectangle

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



520051



660017



003600



003941

Sweetspot

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



520051



6B4B6B



000052



362235



B5B5B5



363636

Same Dimension

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



520051



6B006A



520029



292529



690067



E800E5

Inverse Universe

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



520051



6B006A



005229



292529



690067



E800E5

Previews

White Background



This preview shows how the Hex color 520051 looks on a white background.

Color Contrast Check

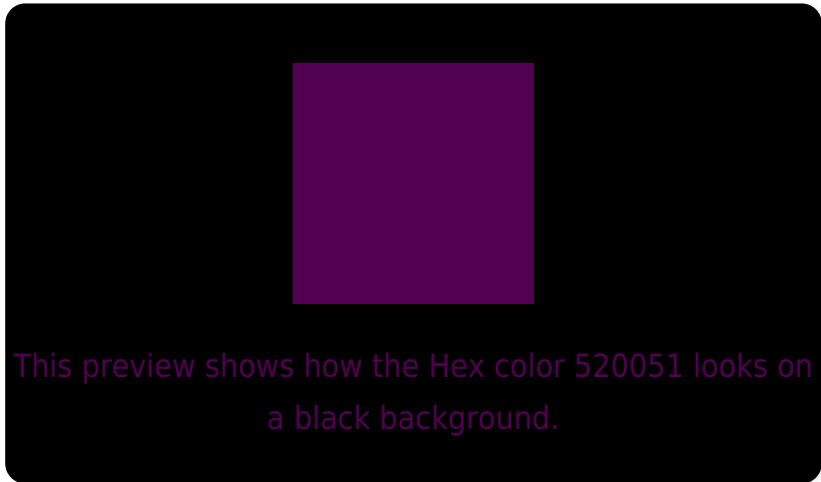
Large Text (above 18pt) WCAG AA ✓ Pass

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

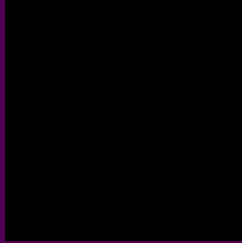
Any Text WCAG AA × Fail

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 520051 Background



This preview shows how black text looks on a background with the Hex color 520051.



This preview shows how white text looks on a background with the Hex color 520051.

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
520051

Protanopia
002D60

Deuteranopia
1D2F4C

Trichromacy



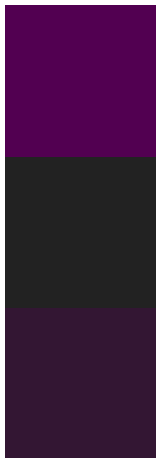
Original Color
520051

Protanomaly
1E1D5B

Deuteranomaly
301E4E

Tritanomaly
4F1433

Monochromacy



Original Color
520051

Achromatopsia
222222

Achromatomaly
331633

CSS Examples

Text

The CSS property to change the color of the text to Hex 520051 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 #520051 looks like.

```
.text, #text, p{  
    color:#520051  
}
```

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 #520051 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #520051
}
```

Border

The CSS property to change the border of an element to Hex 520051 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".

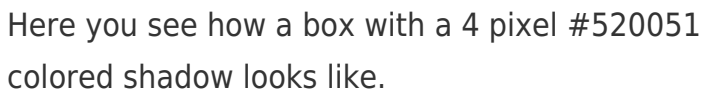
```
.border, #border, table{ border:4px solid
#520051 }
```

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

```
.border{ border-color:#520051 }
```

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

Here you see how a box with a 4 pixel #520051 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #520051; -webkit-box-shadow:4px 4px  
4px 4px #520051; box-shadow:4px 4px 4px  
4px #520051 }
```

Background

The CSS property to change the background color of an element to Hex 520051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#520051 }
```

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

```
.background{ background-color:#520051 }
```

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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