

Converting Colors

Hex(520052)

Have a look what the booklet for
Hex(520052) contains.

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Color

Hex(520052)

Conversions

Conversions Part 1

Format	Color
Hex	520052
RGB	82, 0, 82
RGB Percent	32%, 0%, 32%
CMY	0.6784, 1.0000, 0.6784
CMYK	0.00, 1.00, 0.00, 0.68
HSL	300°, 100%, 16%
HSV	300°, 100%, 32%
XYZ	5.0027, 2.4030, 8.1828
YIQ	33.8660, 22.5500, 42.8860

Conversions

Conversions Part 2

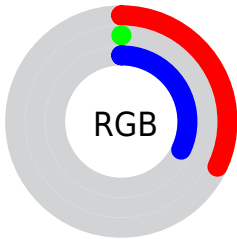
Format	Color
R_{YB}	82, 0, 82
Decimal	5374034
CIE _{Lab}	17.47, 43.09, -26.69
CIE _{LCh}	17, 50.688, 328.233
Yxy	2.4030, 0.3209, 0.1542
Android (android.graphics.Color)	4283564114 (0xFF520052)
YUV	33.8660, 23.7301, 42.2135
Hunter-Lab	15.5017, 30.4769, -20.4459

Details

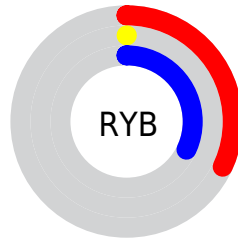
The Hex color **520052** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **005200**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **863A84**, and **230025** is the 20% darker color. If you saturate the color by 10%, you get **520052**, and if you desaturate by 10%, it is **520852**.

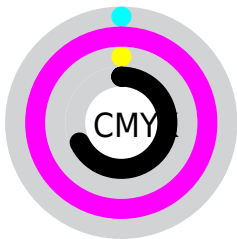
Distribution



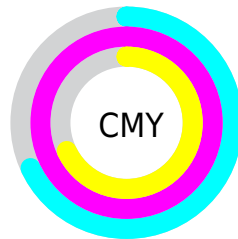
- Red (32%)
- Green (0%)
- Blue (32%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 520052 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 520052 by changing the saturation by 10% instead.

 520052

 520052

 FFF8FF

 39003B

 863A84

 230025

 A2549E

 00000C

 BE6DB9

 000000

 DA88D5

 F7A3F2

 FFBFFF

 FFDFFF

 520052

■ 520852

■ 521052

■ 521952

■ 522152

■ 522952

■ 523152

■ 523952

■ 524252

■ 524A52

Harmonies

Analogous

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



15226D



520052



65002F

Triad

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



520052



382900



00394D

Complementary

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



520052



005200

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.



003928



520052



123200

Square

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



520052



531600



003700



00386A

Rectangle

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



520052



660017



003700



003941

Sweetspot

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



520052



6B4B6B



000052



362236



B5B5B5



363636

Same Dimension

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



520052



6B006B



520029



292529



690069



E800E8

Inverse Universe

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



520052



6B006B



005229



292529



690069



E800E8

Previews

White Background



This preview shows how the Hex color 520052 looks on a white background.

Color Contrast Check

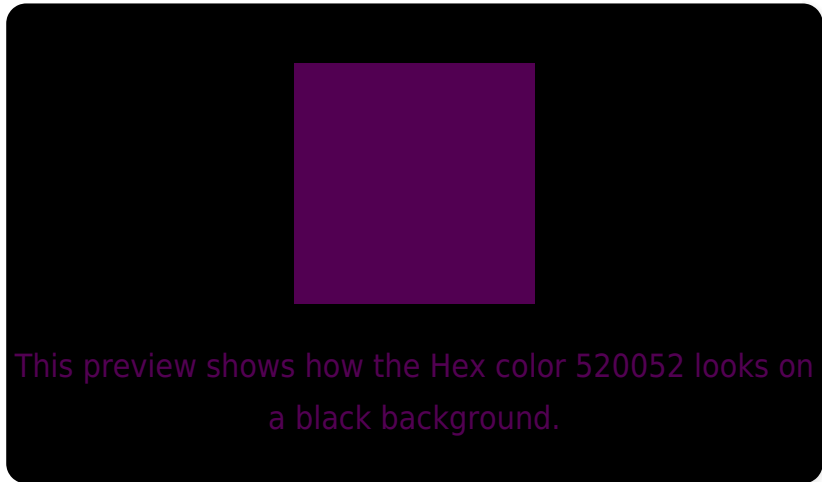
Large Text (above 18pt) WCAG AA ✓ Pass

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

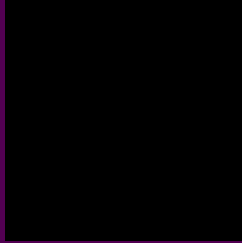
Any Text WCAG AA × Fail

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 520052 Background



This preview shows how black text looks on a background with the Hex color 520052.



This preview shows how white text looks on a background with the Hex color 520052.

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
520052

Protanopia
002D60

Deuteranopia
1C2F4D

Trichromacy



Original Color
520052

Protanomaly
1E1D5B

Deuteranomaly
301E4F

Tritanomaly
4F1433

Monochromacy



Original Color
520052

Achromatopsia
222222

Achromatomaly
331633

CSS Examples

Text

The CSS property to change the color of the text to Hex 520052 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 #520052 looks like.

```
.text, #text, p{  
    color:#520052  
}
```

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 #520052 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #520052
}
```

Border

The CSS property to change the border of an element to Hex 520052 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".

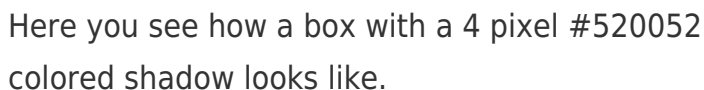
```
.border, #border, table{ border:4px solid
#520052 }
```

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

```
.border{ border-color:#520052 }
```

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

Here you see how a box with a 4 pixel #520052 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #520052; -webkit-box-shadow:4px 4px  
4px 4px #520052; box-shadow:4px 4px 4px  
4px #520052 }
```

Background

The CSS property to change the background color of an element to Hex 520052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#520052 }
```

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

```
.background{ background-color:#520052 }
```

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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