

Converting Colors

Hex(520064)

Have a look what the booklet for
Hex(520064) contains.

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Color

Hex(520064)

Conversions

Conversions Part 1

Format	Color
Hex	520064
RGB	82, 0, 100
RGB Percent	32%, 0%, 39%
CMY	0.6784, 1.0000, 0.6078
CMYK	0.18, 1.00, 0.00, 0.61
HSL	289°, 100%, 20%
HSV	289°, 100%, 39%
XYZ	5.7799, 2.7139, 12.2758
YIQ	35.9180, 16.7720, 48.4840

Conversions

Conversions Part 2

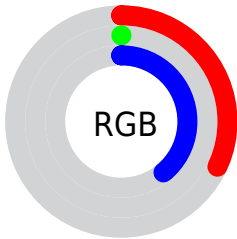
Format	Color
RYB	82, 0, 100
Decimal	5374052
CIELab	18.86, 46.36, -36.52
CIELCh	19, 59.017, 321.777
Yxy	2.7139, 0.2783, 0.1307
Android (android.graphics.Color)	4283564132 (0xFF520064)
YUV	35.9180, 31.5924, 40.4139
Hunter-Lab	16.4740, 33.7973, -32.6487

Details

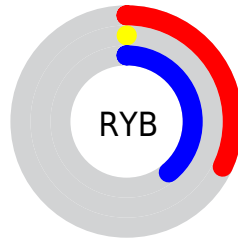
The Hex color **520064** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **126400**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **873C98**, and **230035** is the 20% darker color. If you saturate the color by 10%, you get **520064**, and if you desaturate by 10%, it is **540A64**.

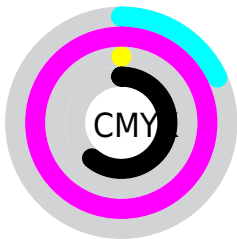
Distribution



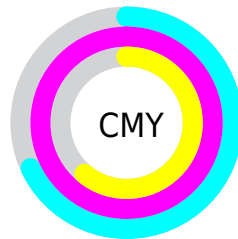
- Red (32%)
- Green (0%)
- Blue (39%)



- Red (32%)
- Yellow (0%)
- Blue (39%)



- Cyan (18%)
- Magenta (100%)
- Yellow (0%)
- Black (61%)



- Cyan (68%)
- Magenta (100%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 520064 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 520064 by changing the saturation by 10% instead.

 520064

 520064

 FFFAFF

 38004C

 873C98

 230035

 A255B3

 00021E

 BE6FCE

 000000

 DB8AEB

 F8A5FF

 FFC1FF

 FFDDFF

 520064

 540A64

 561464

 571E64

 592864

 5B3264

 5D3C64

 5F4664

 605064

 625A64

Harmonies

Analogous

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



002980



520064



6F003C

Triad

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



520064



432800



003E4D

Complementary

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



520064



126400

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.



003D20



520064



1A3500

Square

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



520064



610A00



003A00



003D72

Rectangle

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



520064



730020



003A00



003E3E

Sweetspot

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



520064



7B5B82



001264



3E2A42



C2C2C2



424242

Same Dimension

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



520064



6B0082



640044



322E33



5E0073



C700F2

Inverse Universe

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



640012



820017



006420



332E2F



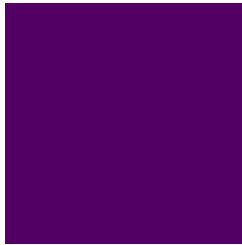
730015



F2002C

Previews

White Background



This preview shows how the Hex color 520064 looks on a white background.

Color Contrast Check

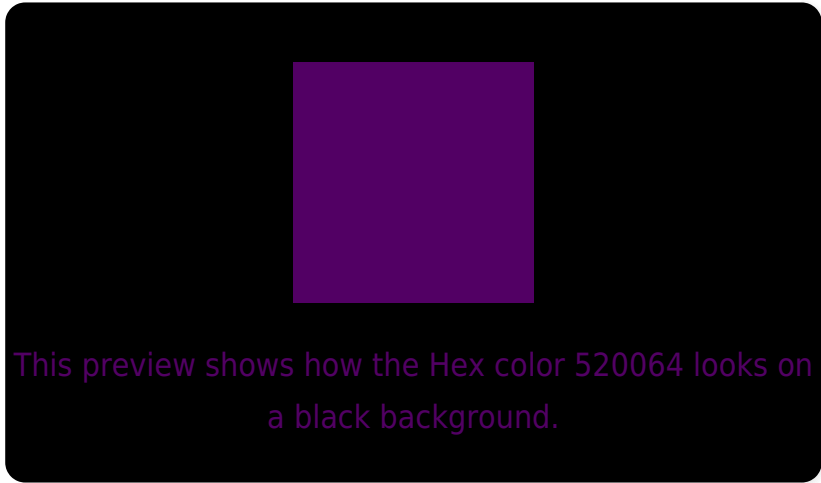
Large Text (above 18pt) WCAG AA ✓ Pass

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

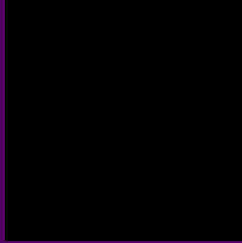
Any Text WCAG AA × Fail

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 520064 Background



This preview shows how black text looks on a background with the Hex color 520064.

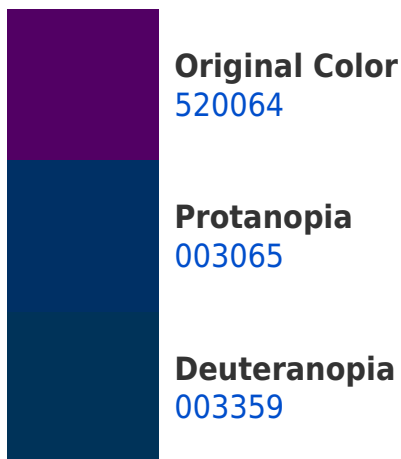



This preview shows how white text looks on a background with the Hex color 520064.

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





Tritanopia
4A272A

Trichromacy



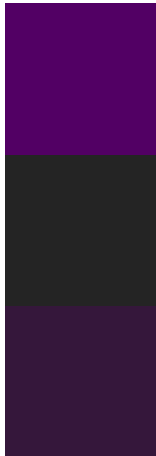
Original Color
520064

Protanomaly
1E1F65

Deuteranomaly
1E205D

Tritanomaly
4D193F

Monochromacy



Original Color
520064

Achromatopsia
242424

Achromatomaly
35173B

CSS Examples

Text

The CSS property to change the color of the text to Hex 520064 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 #520064 looks like.

```
.text, #text, p{  
    color:#520064  
}
```

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 #520064 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #520064
}
```

Border

The CSS property to change the border of an element to Hex 520064 is called "border". The border property can be set on classes, ids or directly on the HTML element.

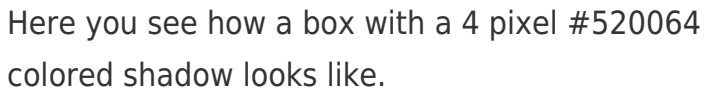
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#520064 }
```

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

```
.border{ border-color:#520064 }
```

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



Here you see how a box with a 4 pixel #520064 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #520064; -webkit-box-shadow:4px 4px  
4px 4px #520064; box-shadow:4px 4px 4px  
4px #520064 }
```

Background

The CSS property to change the background color of an element to Hex 520064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#520064 }
```

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

```
.background{ background-color:#520064 }
```

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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