

Converting Colors

Hex(520A6F)

Have a look what the booklet for
Hex(520A6F) contains.

Hex(520A6F)	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>	28

Color

Hex(520A6F)

Conversions

Conversions Part 1

Format	Color
Hex	520A6F
RGB	82, 10, 111
RGB Percent	32%, 4%, 44%
CMY	0.6784, 0.9608, 0.5647
CMYK	0.26, 0.91, 0.00, 0.56
HSL	283°, 83%, 24%
HSV	283°, 91%, 44%
XYZ	6.4575, 3.1586, 15.3083
YIQ	43.0420, 10.4910, 46.6750

Conversions

Conversions Part 2

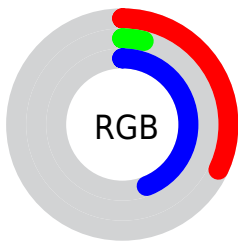
Format	Color
R_{YB}	82, 10, 111
Decimal	5376623
CIE _{Lab}	20.67, 45.97, -40.78
CIE _{LCh}	21, 61.448, 318.427
Yxy	3.1586, 0.2591, 0.1267
Android (android.graphics.Color)	4283566703 (0xFF520A6F)
YUV	43.0420, 33.5033, 34.1662
Hunter-Lab	17.7725, 33.7543, -38.6284

Details

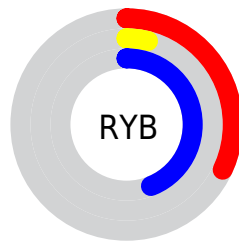
The Hex color **520A6F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **276F0A**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **8741A3**, and **22003E** is the 20% darker color. If you saturate the color by 10%, you get **4F006F**, and if you desaturate by 10%, it is **55156F**.

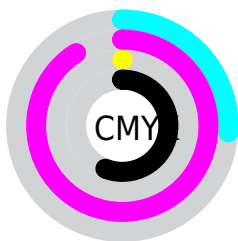
Distribution



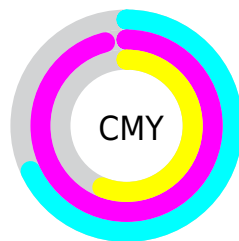
- Red (32%)
- Green (4%)
- Blue (44%)



- Red (32%)
- Yellow (4%)
- Blue (44%)



- Cyan (26%)
- Magenta (91%)
- Yellow (0%)
- Black (56%)



- Cyan (68%)
- Magenta (96%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 520A6F 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 520A6F by changing the saturation by 10% instead.



520A6F



520A6F

FFFFFF



380056



8741A3



22003E



A35BBF



000027



BF75DB



000111



DB90F8



000000



F9ABFF



FFC7FF



FFE3FF



520A6F



520A6F

■ 4F006F

■ 55156F

■ 58206F

■ 5C2B6F

■ 5F366F

■ 62426F

■ 654D6F

■ 68586F

■ 6B636F

■ 6F6E6F

Harmonies

Analogous

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



002F8A



520A6F



750045

Triad

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



520A6F



4D2A00



00424D

Complementary

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



520A6F



276F0A

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.



00411E



520A6F



233800

Square

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



520A6F



6A0400



003E00



004276

Rectangle

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



520A6F



7B0028



003E00



00423E

Sweetspot

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



520A6F



866A91



0A286F



43324A



C9C9C9



4A4A4A

Same Dimension

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



520A6F



680091



6F0A5B



363238



550078



B000F7

Inverse Universe

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



6F0A27



91002A



0A6F1E



383234



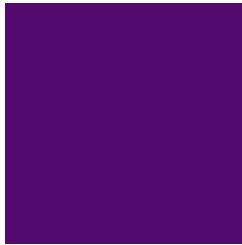
780022



F70047

Previews

White Background



This preview shows how the Hex color 520A6F looks on a white background.

Color Contrast Check

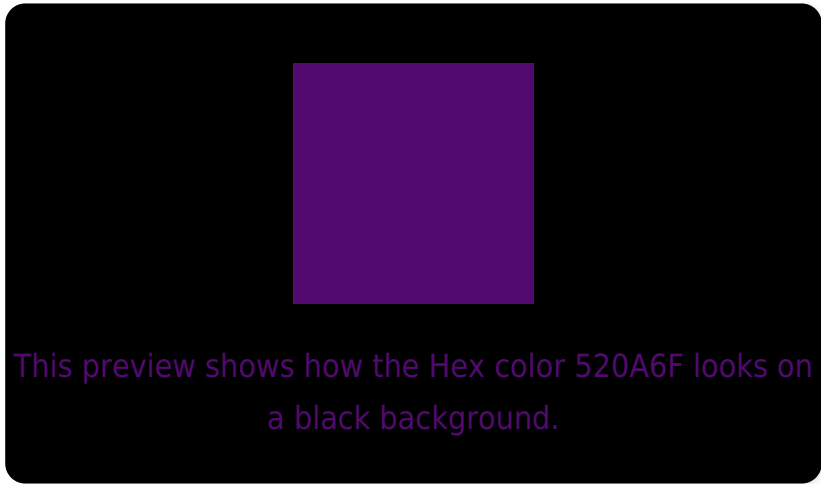
Large Text (above 18pt) WCAG AA ✓ Pass

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

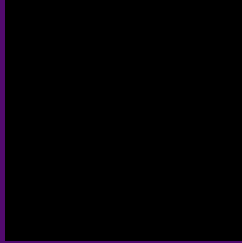
Any Text WCAG AA × Fail

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 520A6F Background



This preview shows how black text looks on a background with the Hex color 520A6F.

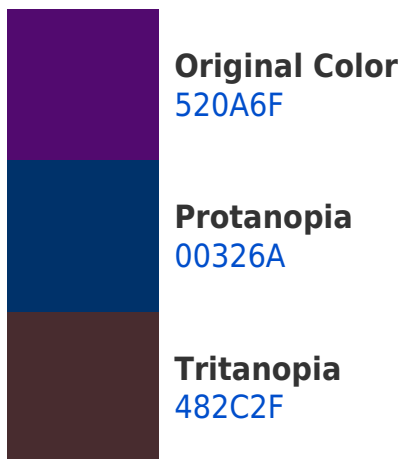


This preview shows how white text looks on a background with the Hex color 520A6F.

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

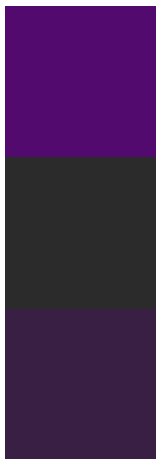


Original Color
520A6F

Protanomaly
1E236C

Tritanomaly
4C2046

Monochromacy



Original Color
520A6F

Achromatopsia
2B2B2B

Achromatomaly
391F44

CSS Examples

Text

The CSS property to change the color of the text to Hex 520A6F 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 #520A6F looks like.

```
.text, #text, p{  
    color:#520A6F  
}
```

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 #520A6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #520A6F
}
```

Border

The CSS property to change the border of an element to Hex 520A6F is called "border". The border property can be set on classes, ids or directly on the HTML element.

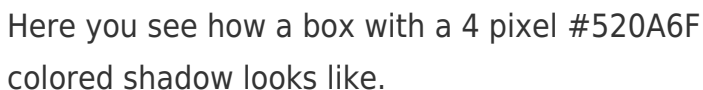
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#520A6F }
```

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

```
.border{ border-color:#520A6F }
```

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



Here you see how a box with a 4 pixel #520A6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #520A6F; -webkit-box-shadow:4px 4px  
4px 4px #520A6F; box-shadow:4px 4px 4px  
4px #520A6F }
```

Background

The CSS property to change the background color of an element to Hex 520A6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#520A6F }
```

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

```
.background{ background-color:#520A6F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor