

# Converting Colors

Hex(A52D8C)

Have a look what the booklet for  
Hex(A52D8C) contains.

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# Color

Hex(A52D8C)

# Conversions

## Conversions Part 1

Format	Color
Hex	A52D8C
RGB	165, 45, 140
RGB Percent	65%, 18%, 55%
CMY	0.3529, 0.8235, 0.4510
CMYK	0.00, 0.73, 0.15, 0.35
HSL	312°, 57%, 41%
HSV	312°, 73%, 65%
XYZ	21.1891, 11.7696, 25.9659
YIQ	91.7100, 41.0250, 54.9850

# Conversions

## Conversions Part 2

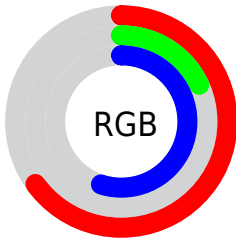
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 45, 140
Decimal	10825100
CIE <sub>Lab</sub>	40.85, 58.14, -26.01
CIE <sub>LCh</sub>	41, 63.697, 335.897
Yxy	11.7696, 0.3596, 0.1997
Android (android.graphics.Color)	4289015180 (0xFFA52D8C)
YUV	91.7100, 23.8070, 64.2753
Hunter-Lab	34.3068, 50.2109, -20.8603

# Details

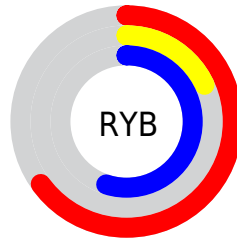
The Hex color **A52D8C** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **2DA546**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **DF66C2**, and **6D005A** is the 20% darker color. If you saturate the color by 10%, you get **A51D89**, and if you desaturate by 10%, it is **A53E8F**.

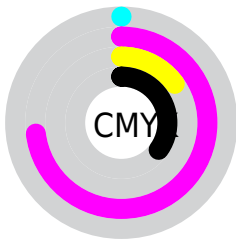
# Distribution



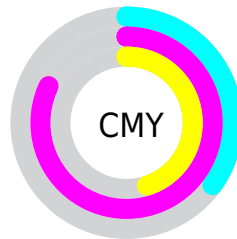
- Red (65%)
- Green (18%)
- Blue (55%)



- Red (65%)
- Yellow (18%)
- Blue (55%)



- Cyan (0%)
- Magenta (73%)
- Yellow (15%)
- Black (35%)



- Cyan (35%)
- Magenta (82%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A52D8C 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 A52D8C by changing the saturation by 10% instead.



 A52D8C

 A52D8C

FFFFFF

 890372

 DF66C2

 6D005A

 FD82DE

 520042

 FF9EFB

 3A002C

 FFBAFF

 1B0016

 FFD7FF

 000000

 FFF4FF

 A52D8C

 A52D8C

 A51D89

 A53E8F

 A50C85

 A54E93

 A50083

 A55E96

 A56F9A

 A5809D

 A590A1

 A5A1A4

 A5B1A7

 A5C2AB

# Harmonies

## Analogous

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



6B4DB6



A52D8C



BA1858

# Triad

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



A52D8C



6C6200



00769D

# Complementary

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



A52D8C



2DA546

# 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.



00776A



A52D8C



336E00

# Square

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



A52D8C



964D00



007432



0071C0

# Rectangle

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



A52D8C



B82636



007432



00778D



# Sweetspot

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



A52D8C



D6A7CC



452DA5



6B4F65



EBEBEB



6B6B6B



# Same Dimension

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



A52D8C



D61CAF



A52D51



524950



910073



12000E



# Inverse Universe

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



A52D8C



D61CAF



2DA581



524950



910073



12000E



# Previews

## White Background



This preview shows how the Hex color A52D8C looks on a white background.

## Color Contrast Check

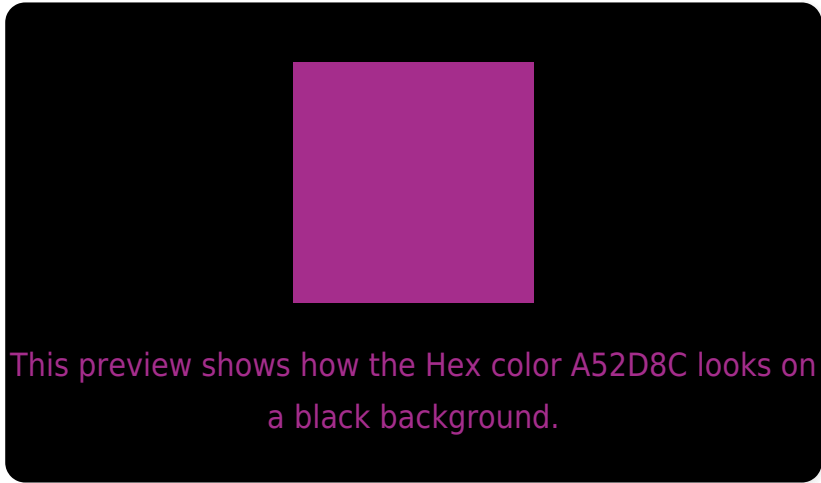
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

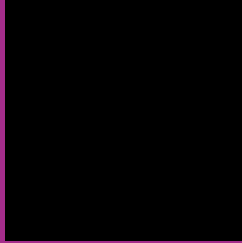
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A52D8C Background



This preview shows how black text looks on a background with the Hex color A52D8C.




This preview shows how white text looks on a background with the Hex color A52D8C.

# 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**  
9F4347

# Trichromacy



**Original Color**  
A52D8C



**Protanomaly**  
5C4CA7



**Deuteranomaly**  
734D88

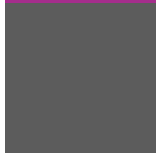


**Tritanomaly**  
A13B60

# Monochromacy



**Original Color**  
A52D8C



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
774B6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A52D8C 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 #A52D8C looks like.

```
.text, #text, p{  
    color:#A52D8C  
}
```

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 #A52D8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A52D8C
}
```

## Border

The CSS property to change the border of an element to Hex A52D8C is called "border". The border property can be set on classes, ids or directly on the HTML element.

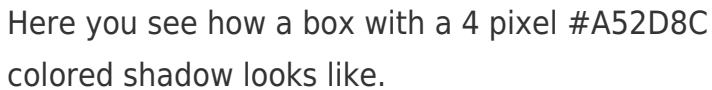
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A52D8C }
```

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

```
.border{ border-color:#A52D8C }
```

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



Here you see how a box with a 4 pixel #A52D8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A52D8C; -webkit-box-shadow:4px 4px  
4px 4px #A52D8C; box-shadow:4px 4px 4px  
4px #A52D8C }
```

# Background

The CSS property to change the background color of an element to Hex A52D8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A52D8C }
```

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

```
.background{ background-color:#A52D8C }
```

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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