

Converting Colors

Hex(542D8A)

Have a look what the booklet for
Hex(542D8A) contains.

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Color

Hex(542D8A)

Conversions

Conversions Part 1

Format	Color
Hex	542D8A
RGB	84, 45, 138
RGB Percent	33%, 18%, 54%
CMY	0.6706, 0.8235, 0.4588
CMYK	0.39, 0.67, 0.00, 0.46
HSL	265°, 51%, 36%
HSV	265°, 67%, 54%
XYZ	9.1820, 5.5966, 24.6411
YIQ	67.2630, -6.6090, 37.1910

Conversions

Conversions Part 2

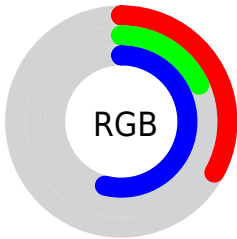
Format	Color
R_{YB}	84, 45, 138
Decimal	5516682
CIE _{Lab}	28.37, 38.17, -45.38
CIE _{LCh}	28, 59.296, 310.068
Yxy	5.5966, 0.2329, 0.1420
Android (android.graphics.Color)	4283706762 (0xFF542D8A)
YUV	67.2630, 34.8733, 14.6783
Hunter-Lab	23.6571, 27.8811, -45.1962

Details

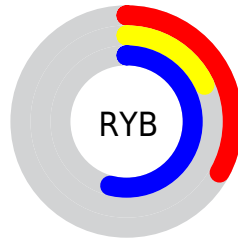
The Hex color **542D8A** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **638A2D**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **8A5DC0**, and **1E0057** is the 20% darker color. If you saturate the color by 10%, you get **4C1F8A**, and if you desaturate by 10%, it is **5C3B8A**.

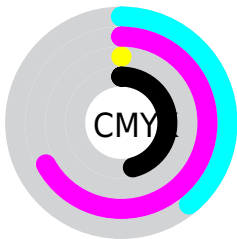
Distribution



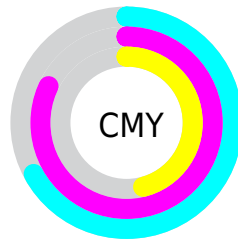
- Red (33%)
- Green (18%)
- Blue (54%)



- Red (33%)
- Yellow (18%)
- Blue (54%)



- Cyan (39%)
- Magenta (67%)
- Yellow (0%)
- Black (46%)



- Cyan (67%)
- Magenta (82%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 542D8A 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 542D8A by changing the saturation by 10% instead.

■ 542D8A

■ 542D8A

FFFFFF

■ 3A1570

■ 8A5DC0

■ 1E0057

■ A577DC

■ 04003F

■ C191F9

■ 000328

■ DEACFF

■ 000112

■ FBC8FF

■ 000000

■ FFE4FF

■ 542D8A

■ 542D8A

■ 4C1F8A

■ 5C3B8A

■ 44118A

■ 64498A

■ 3C048A

■ 6C568A

■ 3A008A

■ 74648A

■ 7C728A

■ 84808A

■ 8C8E8A

■ 949B8A

■ 9CA98A

Harmonies

Analogous

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



00449F



542D8A



820063

Triad

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



542D8A



6B3500



005552

Complementary

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



542D8A



638A2D

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.



005421



542D8A



454600

Square

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



542D8A



861507



044F00



00557D

Rectangle

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



542D8A



8E0045



044F00



005542

Sweetspot

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



542D8A



9E8FB3



2D638A



4D4459



D9D9D9



595959

Same Dimension

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



542D8A



5F22B3



822D8A



413E45



380085



020005

Inverse Universe

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



8A2D63



B32276



358A2D



453E42



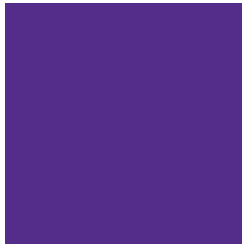
85004D



050003

Previews

White Background



This preview shows how the Hex color 542D8A 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

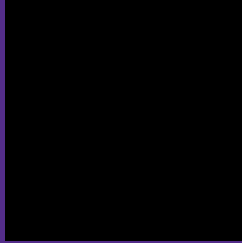
Any Text WCAG AA × Fail

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 542D8A Background



This preview shows how black text looks on a background with the Hex color 542D8A.



This preview shows how white text looks on a background with the Hex color 542D8A.

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
542D8A

Protanopia
00418A

Deuteranopia
004578



Tritanopia
454247

Trichromacy



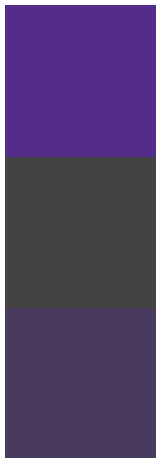
Original Color
542D8A

Protanomaly
1F3A8A

Deuteranomaly
1F3C7F

Tritanomaly
4A3A5F

Monochromacy



Original Color
542D8A

Achromatopsia
434343

Achromatomaly
493B5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 542D8A 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 #542D8A looks like.

```
.text, #text, p{  
    color:#542D8A  
}
```

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 #542D8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #542D8A
}
```

Border

The CSS property to change the border of an element to Hex 542D8A is called "border". The border property can be set on classes, ids or directly on the HTML element.

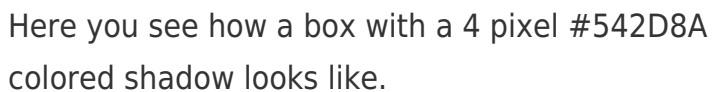
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#542D8A }
```

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

```
.border{ border-color:#542D8A }
```

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



Here you see how a box with a 4 pixel #542D8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #542D8A; -webkit-box-shadow:4px 4px  
4px 4px #542D8A; box-shadow:4px 4px 4px  
4px #542D8A }
```

Background

The CSS property to change the background color of an element to Hex 542D8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#542D8A }
```

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

```
.background{ background-color:#542D8A }
```

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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