

Converting Colors

Hex(5D24A8)

Have a look what the booklet for
Hex(5D24A8) contains.

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Color

Hex(5D24A8)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 5D24A8 |
| RGB | 93, 36, 168 |
| RGB Percent | 36%, 14%, 66% |
| CMY | 0.6353, 0.8588, 0.3412 |
| CMYK | 0.45, 0.79, 0.00, 0.34 |
| HSL | 266°, 65%, 40% |
| HSV | 266°, 79%, 66% |
| XYZ | 12.2130, 6.4161, 37.6405 |
| YIQ | 68.0910, -8.4000, 53.1360 |

Conversions

Conversions Part 2

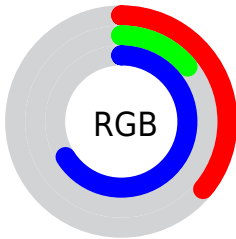
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 93, 36, 168 |
| Decimal | 6104232 |
| CIE Lab | 30.44, 52.14, -60.30 |
| CIE LCh | 30, 79.716, 310.850 |
| Yxy | 6.4161, 0.2170, 0.1140 |
| Android (android.graphics.Color) | 4284294312 (0xFF5D24A8) |
| YUV | 68.0910, 49.2551, 21.8452 |
| Hunter-Lab | 25.3299, 41.7373, -70.3745 |

Details

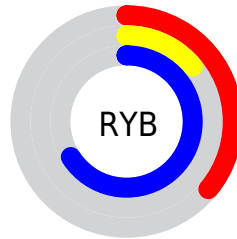
The Hex color **5D24A8** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **6FA824**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **9658E0**, and **200073** is the 20% darker color. If you saturate the color by 10%, you get **5313A8**, and if you desaturate by 10%, it is **6735A8**.

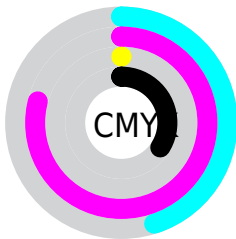
Distribution



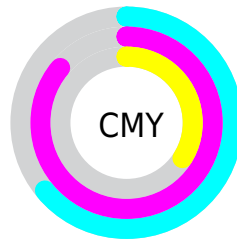
- Red (36%)
- Green (14%)
- Blue (66%)



- Red (36%)
- Yellow (14%)
- Blue (66%)



- Cyan (45%)
- Magenta (79%)
- Yellow (0%)
- Black (34%)



- Cyan (64%)
- Magenta (86%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D24A8 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 5D24A8 by changing the saturation by 10% instead.

5D24A8

5D24A8

FFFFFF

40048D

9658E0

200073

B372FD

000059

D08CFF

000041

EDA8FF

00032A

FFC3FF

000114

FFE0FF

000000

FFFDFF

5D24A8

5D24A8

■ 5313A8

■ 6735A8

■ 4A02A8

■ 7046A8

■ 4900A8

■ 7A56A8

■ 8367A8

■ 8D78A8

■ 9689A8

■ A09AA8

■ A9AAA8

■ B3BBA8

Harmonies

Analogous

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



004AC6



5D24A8



9D0072

Triad

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



5D24A8



783400



005E5E

Complementary

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



5D24A8



6FA824

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.



005C1A



5D24A8



444D00

Square

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



5D24A8



9D0000



005800



005F99

Rectangle

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



5D24A8



AB0049



005800



005D48

Sweetspot

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



5D24A8



BDA7DB



2471A8



5C4E6E



EDEDED



6E6E6E

Same Dimension

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



5D24A8



660DDB



9D24A8



4F4C54



400094



090014

Inverse Universe

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



A8246F



DB0D82



2FA824



544C51



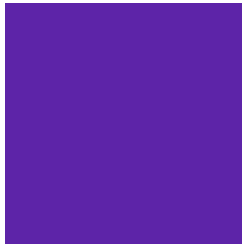
940054



14000C

Previews

White Background



This preview shows how the Hex color 5D24A8 looks on a white background.

Color Contrast Check

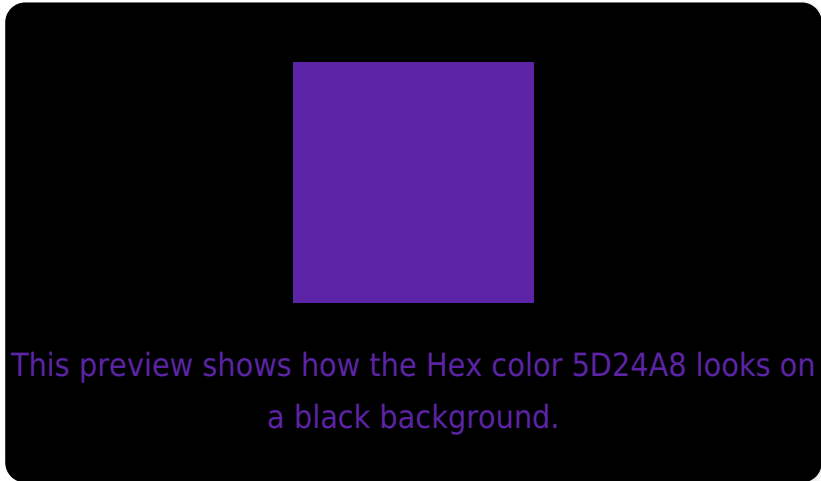
Large Text (above 18pt) WCAG AA ✓ Pass

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

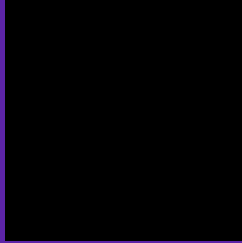
Any Text WCAG AA × Fail

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 5D24A8 Background



This preview shows how black text looks on a background with the Hex color 5D24A8.



This preview shows how white text looks on a background with the Hex color 5D24A8.

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
5D24A8

Protanopia
004693

Deuteranopia
004A7F



Tritanopia
47484E

Trichromacy



Original Color
5D24A8



Protanomaly
223A9B



Deuteranomaly
223C8E



Tritanomaly
4F3B6F

Monochromacy



Original Color
5D24A8



Achromatopsia
444444



Achromatomaly
4D3868

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D24A8 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 #5D24A8 looks like.

```
.text, #text, p{  
    color:#5D24A8  
}
```

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 #5D24A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D24A8
}
```

Border

The CSS property to change the border of an element to Hex 5D24A8 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
#5D24A8 }
```

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

```
.border{ border-color:#5D24A8 }
```

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

Here you see how a box with a 4 pixel #5D24A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D24A8; -webkit-box-shadow:4px 4px  
4px 4px #5D24A8; box-shadow:4px 4px 4px  
4px #5D24A8 }
```

Background

The CSS property to change the background color of an element to Hex 5D24A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D24A8 }
```

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

```
.background{ background-color:#5D24A8 }
```

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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