

Converting Colors

Hex(5D25DA)

Have a look what the booklet for
Hex(5D25DA) contains.

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Color

Hex(5D25DA)

Conversions

Conversions Part 1

Format	Color
Hex	5D25DA
RGB	93, 37, 218
RGB Percent	36%, 15%, 85%
CMY	0.6353, 0.8549, 0.1451
CMYK	0.57, 0.83, 0.00, 0.15
HSL	259°, 71%, 50%
HSV	259°, 83%, 85%
XYZ	17.8307, 8.7122, 67.0715
YIQ	74.3780, -24.7250, 68.1630

Conversions

Conversions Part 2

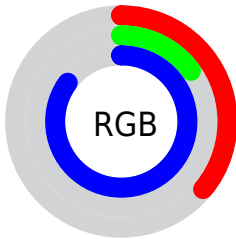
Format	Color
R_{YB}	93, 37, 218
Decimal	6104538
CIE _{Lab}	35.42, 64.57, -81.51
CIE _{LCh}	35, 103.988, 308.386
Yxy	8.7122, 0.1905, 0.0931
Android (android.graphics.Color)	4284294618 (0xFF5D25DA)
YUV	74.3780, 70.8056, 16.3315
Hunter-Lab	29.5165, 56.1763, -114.0654

Details

The Hex color **5D25DA** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **A2DA25**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **9C5BFF**, and **0000A1** is the 20% darker color. If you saturate the color by 10%, you get **4E0FDA**, and if you desaturate by 10%, it is **6C3BDA**.

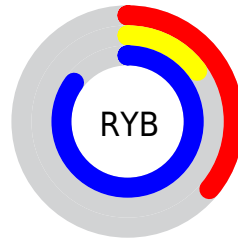
Distribution



Red (36%)

Green (15%)

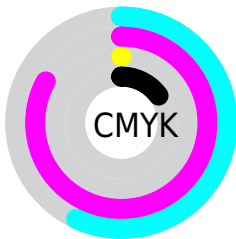
Blue (85%)



Red (36%)

Yellow (15%)

Blue (85%)

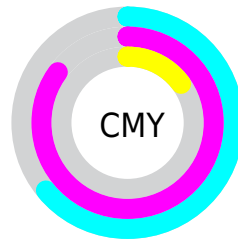


Cyan (57%)

Magenta (83%)

Yellow (0%)

Black (15%)



Cyan (64%)

Magenta (85%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D25DA 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 5D25DA by changing the saturation by 10% instead.

■ 5D25DA

■ 5D25DA

FFFFFF

■ 3900BD

■ 9C5BFF

■ 0000A1

■ BB76FF

■ 000086

■ D991FF

■ 00006C

■ F8ADFF

■ 000A52

■ FFC9FF

■ 00063A

■ FFE6FF

■ 000224

■ 00000B

■ 000000

■ 5D25DA

■ 5D25DA

■ 4E0FDA

■ 6C3BDA

■ 4300DA

■ 7B51DA

■ 8A66DA

■ 997CDA

■ A892DA

■ B7A8DA

■ C6BEDA

■ D5D3DA

■ E4E9DA

Harmonies

Analogous

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



005BFF



5D25DA



BF0093

Triad

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



5D25DA



953400



006E6A

Complementary

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



5D25DA



A2DA25

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.



006C05



5D25DA



515800

Square

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



5D25DA



C40000



006700



0070BC

Rectangle

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



5D25DA



D5005C



006700



006E4D

Sweetspot

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



5D25DA



D3BFFF



25A4DA



655980



000000



808080

Same Dimension

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



5D25DA



4F00FF



B625DA



66636E



3600AD



0E002E

Inverse Universe

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



DA25A2



FF00B0



49DA25



6E636A



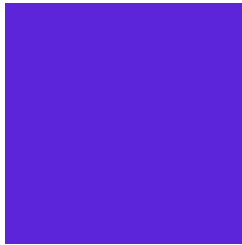
AD0078



2E0020

Previews

White Background



This preview shows how the Hex color 5D25DA 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

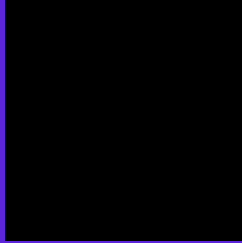
Any Text WCAG AA × Fail

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 5D25DA Background



This preview shows how black text looks on a background with the Hex color 5D25DA.



This preview shows how white text looks on a background with the Hex color 5D25DA.

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](#).

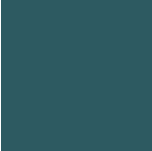
Dichromacy



Original Color
5D25DA

Protanopia
0050A9

Deuteranopia
005690



Tritanopia
2D5A61

Trichromacy



Original Color

5D25DA



Protanomaly

2240BB



Deuteranomaly

2244AB



Tritanomaly

3E478D

Monochromacy



Original Color

5D25DA



Achromatopsia

4A4A4A



Achromatomaly

513D7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D25DA 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 #5D25DA looks like.

```
.text, #text, p{  
    color:#5D25DA  
}
```

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 #5D25DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D25DA
}
```

Border

The CSS property to change the border of an element to Hex 5D25DA 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
#5D25DA }
```

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

```
.border{ border-color:#5D25DA }
```

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

Here you see how a box with a 4 pixel #5D25DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D25DA; -webkit-box-shadow:4px 4px  
4px 4px #5D25DA; box-shadow:4px 4px 4px  
4px #5D25DA }
```

Background

The CSS property to change the background color of an element to Hex 5D25DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D25DA }
```

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

```
.background{ background-color:#5D25DA }
```

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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