

Converting Colors

Hex(5D26BD)

Have a look what the booklet for
Hex(5D26BD) contains.

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Color

Hex(5D26BD)

Conversions

Conversions Part 1

Format	Color
Hex	5D26BD
RGB	93, 38, 189
RGB Percent	36%, 15%, 74%
CMY	0.6353, 0.8510, 0.2588
CMYK	0.51, 0.80, 0.00, 0.26
HSL	262°, 67%, 45%
HSV	262°, 80%, 74%
XYZ	14.3926, 7.3875, 48.8115
YIQ	71.6590, -15.6910, 58.6210

Conversions

Conversions Part 2

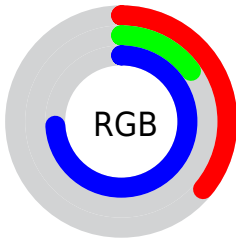
Format	Color
R_{YB}	93, 38, 189
Decimal	6104765
CIE _{Lab}	32.67, 56.71, -69.15
CIE _{LCh}	33, 89.426, 309.354
Yxy	7.3875, 0.2039, 0.1047
Android (android.graphics.Color)	4284294845 (0xFF5D26BD)
YUV	71.6590, 57.8491, 18.7161
Hunter-Lab	27.1800, 46.9563, -87.4507

Details

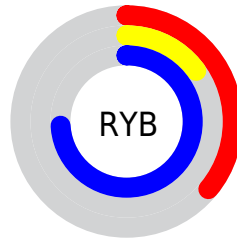
The Hex color **5D26BD** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **86BD26**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **985AF6**, and **160086** is the 20% darker color. If you saturate the color by 10%, you get **5113BD**, and if you desaturate by 10%, it is **6939BD**.

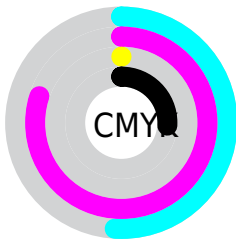
Distribution



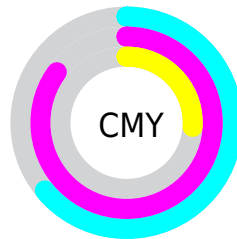
- Red (36%)
- Green (15%)
- Blue (74%)



- Red (36%)
- Yellow (15%)
- Blue (74%)



- Cyan (51%)
- Magenta (80%)
- Yellow (0%)
- Black (26%)



- Cyan (64%)
- Magenta (85%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D26BD 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 5D26BD by changing the saturation by 10% instead.

5D26BD

5D26BD

FFFFFF

3E05A1

985AF6

160086

B675FF

00006C

D38FFF

000053

F2ABFF

00063A

FFC7FF

000224

FFE4FF

00000C

000000

5D26BD

5D26BD

■ 5113BD

■ 6939BD

■ 4500BD

■ 754CBD

■ 815FBD

■ 8D72BD

■ 9984BD

■ A597BD

■ B1AABD

■ BDBDBD

■ C9D0BD

Harmonies

Analogous

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



0052DD



5D26BD



AB0080

Triad

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



5D26BD



853500



006562

Complementary

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



5D26BD



86BD26

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.



006313



5D26BD



4B5200

Square

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



5D26BD



AE0000



005E00



0066A7

Rectangle

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



5D26BD



BC0052



005E00



00654A

Sweetspot

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



5D26BD



CFBAF5



2688BD



64577A



FAFAFA



7A7A7A

Same Dimension

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



5D26BD



5F0AF5



A626BD



58555E



3A009E



0B001F

Inverse Universe

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



BD2686



F50A9F



3DBD26



5E555B



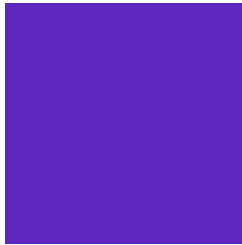
9E0065



1F0013

Previews

White Background



This preview shows how the Hex color 5D26BD 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

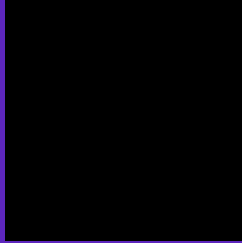
Any Text WCAG AA × Fail

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 5D26BD Background



This preview shows how black text looks on a background with the Hex color 5D26BD.

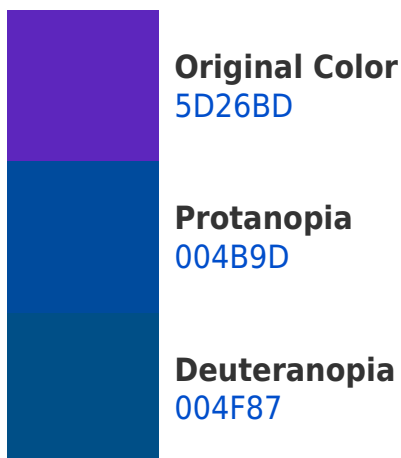


This preview shows how white text looks on a background with the Hex color 5D26BD.

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
3F5056

Trichromacy



Original Color
5D26BD



Protanomaly
223EA9



Deuteranomaly
22409B



Tritanomaly
4A417B

Monochromacy



Original Color
5D26BD



Achromatopsia
484848



Achromatomaly
503C73

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D26BD 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 #5D26BD looks like.

```
.text, #text, p{  
    color:#5D26BD  
}
```

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 #5D26BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D26BD
}
```

Border

The CSS property to change the border of an element to Hex 5D26BD 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".

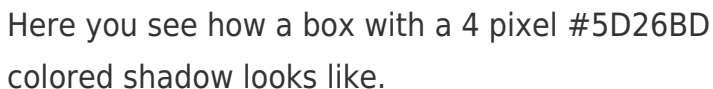
```
.border, #border, table{ border:4px solid
#5D26BD }
```

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

```
.border{ border-color:#5D26BD }
```

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

Here you see how a box with a 4 pixel #5D26BD colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D26BD; -webkit-box-shadow:4px 4px  
4px 4px #5D26BD; box-shadow:4px 4px 4px  
4px #5D26BD }
```

Background

The CSS property to change the background color of an element to Hex 5D26BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D26BD }
```

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

```
.background{ background-color:#5D26BD }
```

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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