

Converting Colors

Hex(5A26EC)

Have a look what the booklet for
Hex(5A26EC) contains.

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Color

Hex(5A26EC)

Conversions

Conversions Part 1

Format	Color
Hex	5A26EC
RGB	90, 38, 236
RGB Percent	35%, 15%, 93%
CMY	0.6471, 0.8510, 0.0745
CMYK	0.62, 0.84, 0.00, 0.07
HSL	256°, 84%, 54%
HSV	256°, 84%, 93%
XYZ	20.0499, 9.6160, 80.1562
YIQ	76.1200, -32.5660, 72.6020

Conversions

Conversions Part 2

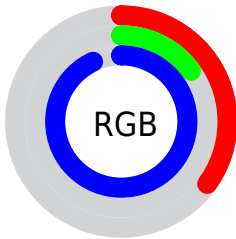
Format	Color
R_{YB}	90, 38, 236
Decimal	5908204
CIE _{Lab}	37.14, 68.57, -88.96
CIE _{LCh}	37, 112.321, 307.626
Yxy	9.6160, 0.1826, 0.0876
Android (android.graphics.Color)	4284098284 (0xFF5A26EC)
YUV	76.1200, 78.8208, 12.1728
Hunter-Lab	31.0097, 61.1454, -131.5505

Details

The Hex color **5A26EC** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **B8EC26**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **9C5DFF**, and **0000B2** is the 20% darker color. If you saturate the color by 10%, you get **490EEC**, and if you desaturate by 10%, it is **6B3EEC**.

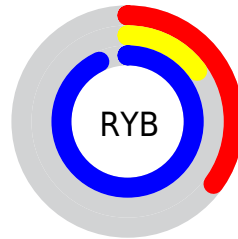
Distribution



Red (35%)

Green (15%)

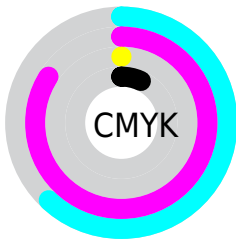
Blue (93%)



Red (35%)

Yellow (15%)

Blue (93%)

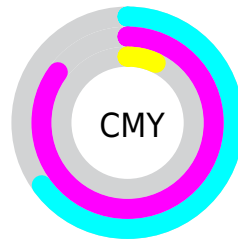


Cyan (62%)

Magenta (84%)

Yellow (0%)

Black (7%)



Cyan (65%)

Magenta (85%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A26EC 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 5A26EC by changing the saturation by 10% instead.

 5A26EC

 5A26EC

FFFFFF

 3200CF

 9C5DFF

 0000B2

 BC78FF

 000097

 DB93FF

 00007C

 FBAFFF

 000562

 FFCCFF

 000949

 FFE9FF

 000431

 00011B

 000000

■ 5A26EC

■ 5A26EC

■ 490EEC

■ 6B3EEC

■ 3E00EC

■ 7D55EC

■ 8E6DEC

■ A084EC

■ B19CEC

■ C2B4EC

■ D4CBEC

■ E5E3EC

■ F7FAEC

Harmonies

Analogous

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



0061FF



5A26EC



CB009F

Triad

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



5A26EC



9F3200



00746E

Complementary

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



5A26EC



B8EC26

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.



007100



5A26EC



575C00

Square

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



5A26EC



D20000



006C00



0077C7

Rectangle

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



5A26EC



E30063



006C00



00734E

Sweetspot

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



5A26EC



D0BFFF



26BBEC



635980



000000



808080

Same Dimension

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



5A26EC



4300FF



BB26EC



6D6A75



3000B5



0E0036

Inverse Universe

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



EC26B8



FF00BC



58EC26



756A72



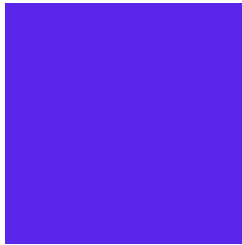
B50086



360027

Previews

White Background



This preview shows how the Hex color 5A26EC 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

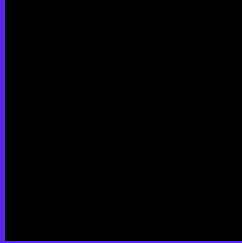
Any Text WCAG AA × Fail

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 5A26EC Background



This preview shows how black text looks on a background with the Hex color 5A26EC.



This preview shows how white text looks on a background with the Hex color 5A26EC.

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
5A26EC

Protanopia
0054B1

Deuteranopia
005A97

Trichromacy



Original Color
5A26EC

Protanomaly
2143C6

Deuteranomaly
2147B6

Tritanomaly
214C98

Monochromacy



Original Color
5A26EC

Achromatopsia
4C4C4C

Achromatomaly
513E86

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A26EC 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 #5A26EC looks like.

```
.text, #text, p{  
    color:#5A26EC  
}
```

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 #5A26EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A26EC
}
```

Border

The CSS property to change the border of an element to Hex 5A26EC 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".

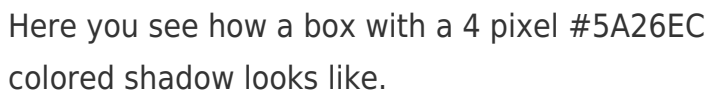
```
.border, #border, table{ border:4px solid
#5A26EC }
```

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

```
.border{ border-color:#5A26EC }
```

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

Here you see how a box with a 4 pixel #5A26EC colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A26EC; -webkit-box-shadow:4px 4px  
4px 4px #5A26EC; box-shadow:4px 4px 4px  
4px #5A26EC }
```

Background

The CSS property to change the background color of an element to Hex 5A26EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A26EC }
```

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

```
.background{ background-color:#5A26EC }
```

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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