

Converting Colors

Hex(5A226E)

Have a look what the booklet for
Hex(5A226E) contains.

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Color

Hex(5A226E)

Conversions

Conversions Part 1

Format	Color
Hex	5A226E
RGB	90, 34, 110
RGB Percent	35%, 13%, 43%
CMY	0.6471, 0.8667, 0.5686
CMYK	0.18, 0.69, 0.00, 0.57
HSL	284°, 53%, 28%
HSV	284°, 69%, 43%
XYZ	7.6029, 4.4435, 15.2088
YIQ	59.4080, 8.9800, 35.5080

Conversions

Conversions Part 2

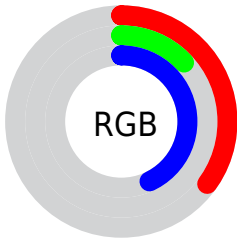
Format	Color
R_YB	90, 34, 110
Decimal	5907054
CIE _{Lab}	25.09, 38.34, -32.93
CIE _{LCh}	25, 50.541, 319.338
Yxy	4.4435, 0.2790, 0.1630
Android (android.graphics.Color)	4284097134 (0xFF5A226E)
YUV	59.4080, 24.9419, 26.8292
Hunter-Lab	21.0796, 27.4916, -28.0216

Details

The Hex color **5A226E** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **366E22**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **8E53A2**, and **29003E** is the 20% darker color. If you saturate the color by 10%, you get **57176E**, and if you desaturate by 10%, it is **5D2D6E**.

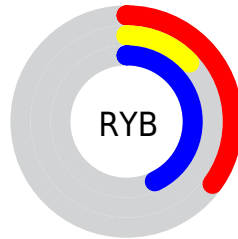
Distribution



Red (35%)

Green (13%)

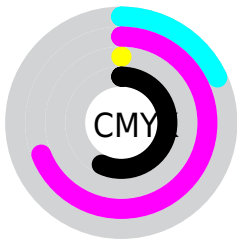
Blue (43%)



Red (35%)

Yellow (13%)

Blue (43%)

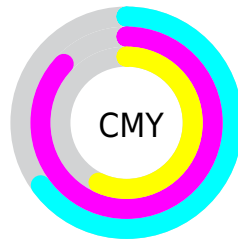


Cyan (18%)

Magenta (69%)

Yellow (0%)

Black (57%)



Cyan (65%)

Magenta (87%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A226E 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 5A226E by changing the saturation by 10% instead.

■ 5A226E

■ 5A226E

FFFFFF

■ 410755

■ 8E53A2

■ 29003E

■ AA6CBD

■ 0D0027

■ C686D9

■ 000110

■ E2A1F6

■ 000000

■ FFBDFE

■ FFD9FF

■ FFF6FF

■ 5A226E

■ 5A226E

■ 57176E

■ 5D2D6E

■ 540C6E

■ 60386E

■ 51016E

■ 63436E

■ 51006E

■ 664E6E

■ 68596E

■ 6B646E

■ 6E6F6E

■ 717A6E

■ 74856E

Harmonies

Analogous

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



003885



5A226E



77014B

Triad

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



5A226E



553500



004B54

Complementary

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



5A226E



366E22

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.



004B2C



5A226E



334100

Square

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



5A226E



6F2100



004800



004A75

Rectangle

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



5A226E



7C0031



004800



004B47

Sweetspot

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



5A226E



87718F



22366E



433647



C7C7C7



474747

Same Dimension

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



5A226E



70188F



6E225C



373238



580078



B600F7

Inverse Universe

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



6E2236



8F1837



226E34



383234



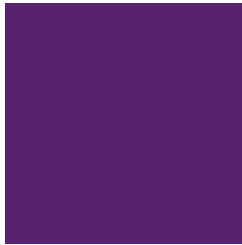
780020



F70041

Previews

White Background



This preview shows how the Hex color 5A226E 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

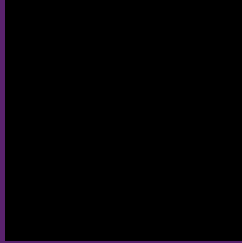
Any Text WCAG AA × Fail

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 5A226E Background



This preview shows how black text looks on a background with the Hex color 5A226E.




This preview shows how white text looks on a background with the Hex color 5A226E.

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
523438

Trichromacy



Original Color
5A226E

Protanomaly
213177

Deuteranomaly
31336B

Tritanomaly
552D4C

Monochromacy



Original Color
5A226E

Achromatopsia
3B3B3B

Achromatomaly
46324E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A226E 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 #5A226E looks like.

```
.text, #text, p{  
    color:#5A226E  
}
```

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 #5A226E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A226E
}
```

Border

The CSS property to change the border of an element to Hex 5A226E is called "border". The border property can be set on classes, ids or directly on the HTML element.

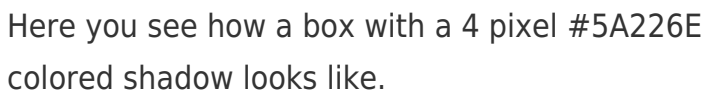
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A226E }
```

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

```
.border{ border-color:#5A226E }
```

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



Here you see how a box with a 4 pixel #5A226E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A226E; -webkit-box-shadow:4px 4px  
4px 4px #5A226E; box-shadow:4px 4px 4px  
4px #5A226E }
```

Background

The CSS property to change the background color of an element to Hex 5A226E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A226E }
```

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

```
.background{ background-color:#5A226E }
```

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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