

Converting Colors

Hex(5E42AF)

Have a look what the booklet for
Hex(5E42AF) contains.

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Color

Hex(5E42AF)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5E42AF |
| RGB | 94, 66, 175 |
| RGB Percent | 37%, 26%, 69% |
| CMY | 0.6314, 0.7412, 0.3137 |
| CMYK | 0.46, 0.62, 0.00, 0.31 |
| HSL | 255°, 45%, 47% |
| HSV | 255°, 62%, 69% |
| XYZ | 14.3022, 9.3713, 41.6125 |
| YIQ | 86.7980, -18.3010, 39.8350 |

Conversions

Conversions Part 2

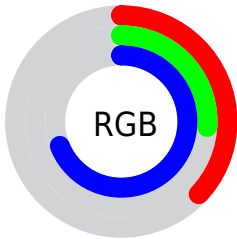
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 94, 66, 175 |
| Decimal | 6177455 |
| CIE _{Lab} | 36.69, 38.83, -54.30 |
| CIE _{LCh} | 37, 66.754, 305.574 |
| Yxy | 9.3713, 0.2191, 0.1435 |
| Android (android.graphics.Color) | 4284367535 (0xFF5E42AF) |
| YUV | 86.7980, 43.4836, 6.3162 |
| Hunter-Lab | 30.6125, 29.8233, -59.1658 |

Details

The Hex color **5E42AF** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **93AF42**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **9673E7**, and **231479** is the 20% darker color. If you saturate the color by 10%, you get **5131AF**, and if you desaturate by 10%, it is **6B54AF**.

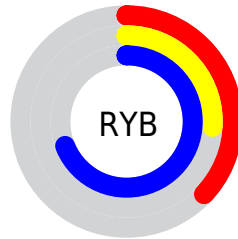
Distribution



Red (37%)

Green (26%)

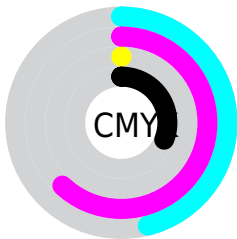
Blue (69%)



Red (37%)

Yellow (26%)

Blue (69%)

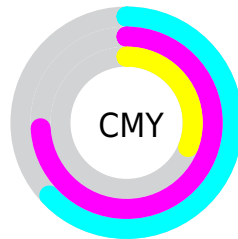


Cyan (46%)

Magenta (62%)

Yellow (0%)

Black (31%)



Cyan (63%)

Magenta (74%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E42AF 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 5E42AF by changing the saturation by 10% instead.

■ 5E42AF

■ 5E42AF

FFFFFF

■ 422B94

■ 9673E7

■ 231479

■ B28DFF

■ 000060

■ CFA8FF

■ 000048

■ EDC4FF

■ 000430

■ FFE0FF

■ 00011A

■ FFFCFF

■ 000000

■ 5E42AF

■ 5E42AF

■ 5131AF

■ 6B54AF

441FAF

7865AF

370EAF

8577AF

2D00AF

9288AF

9F9AAF

ACABAF

B9BDAF

C6CEAF

D3E0AF

Harmonies

Analogous

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



005BC3



5E42AF



9C1884

Triad

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



5E42AF



8C4200



006C5F

Complementary

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



5E42AF



93AF42

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.



006A26



5E42AF



615800

Square

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



5E42AF



A91D1A



246400



006C94

Rectangle

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



5E42AF



AD0061



246400



006C4C

Sweetspot

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



5E42AF



C3B8E3



4294AF



5F5873



F2F2F2



737373

Same Dimension

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



5E42AF



6439E3



9442AF



504E57



270096



060017

Inverse Universe

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



AF4293



E339B7



5DAF42



574E54



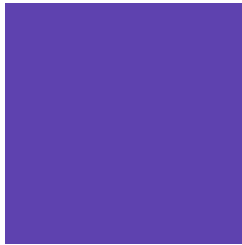
960070



170011

Previews

White Background



This preview shows how the Hex color 5E42AF 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

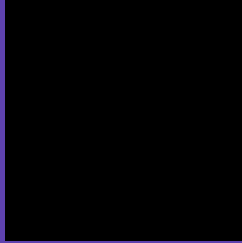
Any Text WCAG AA × Fail

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 5E42AF Background



This preview shows how black text looks on a background with the Hex color 5E42AF.

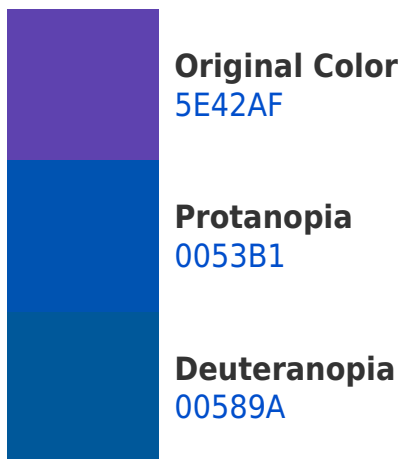


This preview shows how white text looks on a background with the Hex color 5E42AF.

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
495960

Trichromacy



Original Color
5E42AF

Protanomaly
224DB0

Deuteranomaly
2250A2

Tritanomaly
51517D

Monochromacy



Original Color
5E42AF

Achromatopsia
575757

Achromatomaly
5A4F77

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E42AF 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 #5E42AF looks like.

```
.text, #text, p{  
    color:#5E42AF  
}
```

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 #5E42AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E42AF
}
```

Border

The CSS property to change the border of an element to Hex 5E42AF 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
#5E42AF }
```

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

```
.border{ border-color:#5E42AF }
```

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

Here you see how a box with a 4 pixel #5E42AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E42AF; -webkit-box-shadow:4px 4px  
4px 4px #5E42AF; box-shadow:4px 4px 4px  
4px #5E42AF }
```

Background

The CSS property to change the background color of an element to Hex 5E42AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E42AF }
```

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

```
.background{ background-color:#5E42AF }
```

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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