

Converting Colors

Hex(5E42B8)

Have a look what the booklet for
Hex(5E42B8) contains.

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Color

Hex(5E42B8)

Conversions

Conversions Part 1

Format	Color
Hex	5E42B8
RGB	94, 66, 184
RGB Percent	37%, 26%, 72%
CMY	0.6314, 0.7412, 0.2784
CMYK	0.49, 0.64, 0.00, 0.28
HSL	254°, 47%, 49%
HSV	254°, 64%, 72%
XYZ	15.2160, 9.7368, 46.4248
YIQ	87.8240, -21.1900, 42.6340

Conversions

Conversions Part 2

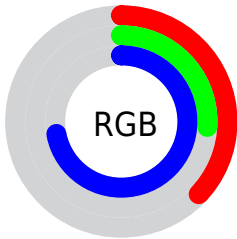
Format	Color
RYB	94, 66, 184
Decimal	6177464
CIELab	37.37, 41.47, -58.52
CIElCh	37, 71.723, 305.321
Yxy	9.7368, 0.2132, 0.1364
Android (android.graphics.Color)	4284367544 (0xFF5E42B8)
YUV	87.8240, 47.4148, 5.4164
Hunter-Lab	31.2039, 32.4358, -66.3684

Details

The Hex color **5E42B8** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **9CB842**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **9774F1**, and **201382** is the 20% darker color. If you saturate the color by 10%, you get **5030B8**, and if you desaturate by 10%, it is **6C54B8**.

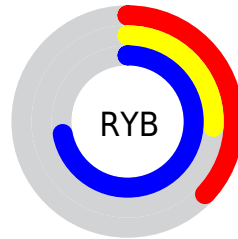
Distribution



Red (37%)

Green (26%)

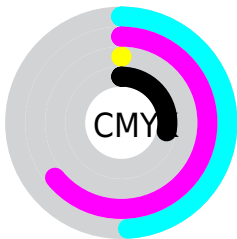
Blue (72%)



Red (37%)

Yellow (26%)

Blue (72%)

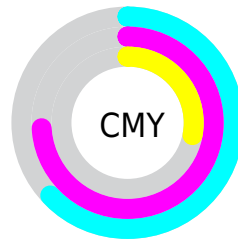


Cyan (49%)

Magenta (64%)

Yellow (0%)

Black (28%)



Cyan (63%)

Magenta (74%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E42B8 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 5E42B8 by changing the saturation by 10% instead.

■ 5E42B8

■ 5E42B8

FFFFFF

■ 412A9D

■ 9774F1

■ 201382

■ B48EFF

■ 000068

■ D1A8FF

■ 00004F

■ EEC4FF

■ 000537

■ FFE0FF

■ 000221

■ FFFDFF

■ 000005

■ 000000

■ 5E42B8

■ 5E42B8

■ 5030B8

■ 6C54B8

■ 421DB8

■ 7A67B8

■ 340BB8

■ 8879B8

■ 2C00B8

■ 968CB8

■ A49EB8

■ B2B0B8

■ C0C3B8

■ CED5B8

■ DCE8B8

Harmonies

Analogous

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



005DCD



5E42B8



A20B89

Triad

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



5E42B8



914100



006F61

Complementary

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



5E42B8



9CB842

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.



006C23



5E42B8



635900

Square

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



5E42B8



B01318



1F6600



006F9A

Rectangle

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



5E42B8



B50064



1F6600



006E4D

Sweetspot

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



5E42B8



CDC2F0



429CB8



635C78



F7F7F7



787878

Same Dimension

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



5E42B8



6337F0



9942B8



55535C



25009C



07001C

Inverse Universe

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



B8429C



F037C4



61B842



5C535A



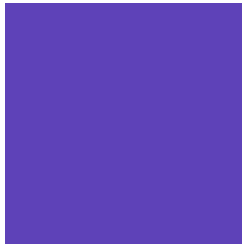
9C0077



1C0015

Previews

White Background



This preview shows how the Hex color 5E42B8 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

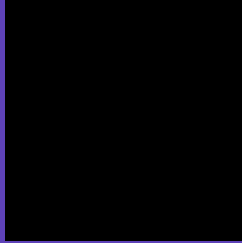
Any Text WCAG AA × Fail

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 5E42B8 Background



This preview shows how black text looks on a background with the Hex color 5E42B8.

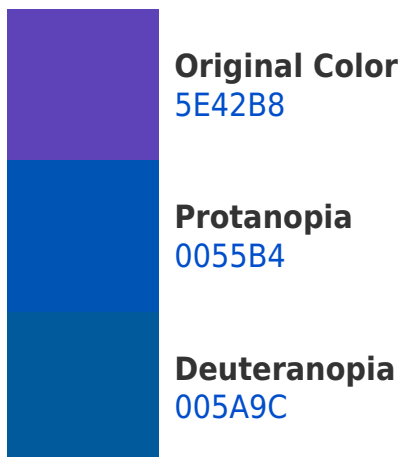


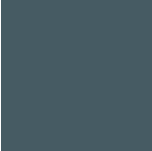
This preview shows how white text looks on a background with the Hex color 5E42B8.

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
465B63

Trichromacy



Original Color
5E42B8



Protanomaly
224EB5



Deuteranomaly
2251A6



Tritanomaly
4F5282

Monochromacy



Original Color
5E42B8



Achromatopsia
585858



Achromatomaly
5A507B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E42B8 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 #5E42B8 looks like.

```
.text, #text, p{  
    color:#5E42B8  
}
```

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 #5E42B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E42B8  
}
```

Border

The CSS property to change the border of an element to Hex 5E42B8 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  
#5E42B8 }
```

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

```
.border{ border-color:#5E42B8 }
```

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

Here you see how a box with a 4 pixel #5E42B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E42B8; -webkit-box-shadow:4px 4px  
4px 4px #5E42B8; box-shadow:4px 4px 4px  
4px #5E42B8 }
```

Background

The CSS property to change the background color of an element to Hex 5E42B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E42B8 }
```

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

```
.background{ background-color:#5E42B8 }
```

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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