

Converting Colors

Hex(5E72AD)

Have a look what the booklet for
Hex(5E72AD) contains.

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Color

Hex(5E72AD)

Conversions

Conversions Part 1

Format	Color
Hex	5E72AD
RGB	94, 114, 173
RGB Percent	37%, 45%, 68%
CMY	0.6314, 0.5529, 0.3216
CMYK	0.46, 0.34, 0.00, 0.32
HSL	225°, 33%, 52%
HSV	225°, 46%, 68%
XYZ	18.1762, 17.4314, 41.9418
YIQ	114.7460, -30.8590, 14.1090

Conversions

Conversions Part 2

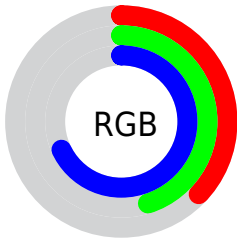
Format	Color
R _Y B	94, 110, 173
Decimal	6189741
CIE Lab	48.80, 8.76, -33.80
CIE LCh	49, 34.915, 284.529
Yxy	17.4314, 0.2344, 0.2248
Android (android.graphics.Color)	4284379821 (0xFF5E72AD)
YUV	114.7460, 28.7192, -18.1942
Hunter-Lab	41.7510, 4.6455, -30.3353

Details

The Hex color **5E72AD** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AD995E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **94A6E5**, and **284278** is the 20% darker color. If you saturate the color by 10%, you get **4D65AD**, and if you desaturate by 10%, it is **6F7FAD**.

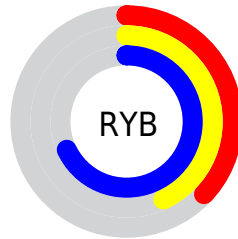
Distribution



Red (37%)

Green (45%)

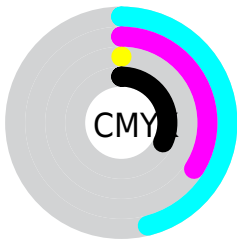
Blue (68%)



Red (37%)

Yellow (43%)

Blue (68%)

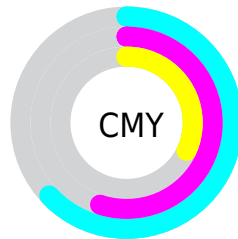


Cyan (46%)

Magenta (34%)

Yellow (0%)

Black (32%)



Cyan (63%)

Magenta (55%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E72AD 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 5E72AD by changing the saturation by 10% instead.

■ 5E72AD

■ 5E72AD

FFFFFF

■ 435A92

■ 94A6E5

■ 284278

■ B0C1FF

■ 042D5F

■ CCDDFF

■ 001947

■ E9F9FF

■ 000130

■ 00011B

■ 000000

■ 5E72AD

■ 5E72AD

■ 4D65AD

■ 6F7FAD

■ 3B58AD

■ 818CAD

■ 2A4BAD

■ 9299AD

■ 193EAD

■ A3A6AD

■ 0731AD

■ B5B3AD

■ 002CAD

■ C6C0AD

■ D7CCAD

■ E8D9AD

■ FAE6AD

Harmonies

Analogous

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



177BAC



5E72AD



89679E

Triad

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



5E72AD



A6624C



2B8263

Complementary

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



5E72AD



AD995E

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.



577E48



5E72AD



936D3B

Square

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



5E72AD



AC5C67



787739



008382

Rectangle

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



5E72AD



9C608E



787739



3C8159

Sweetspot

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



5E72AD



C1C9E0



5EAD98



5D6270



F0F0F0



707070

Same Dimension

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



5E72AD



6584E0



705EAD



4E5057



002696



000617

Inverse Universe

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



AD5E72



E06584



9BAD5E



574E50



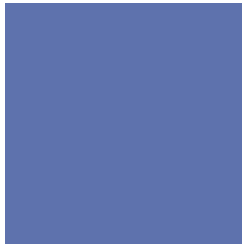
960026



170006

Previews

White Background



This preview shows how the Hex color 5E72AD 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

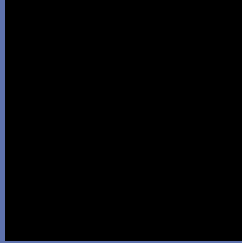
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

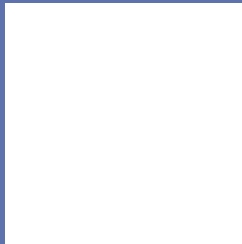
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5E72AD Background



This preview shows how black text looks on a background with the Hex color 5E72AD.

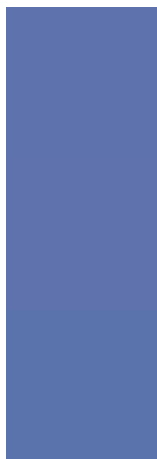


This preview shows how white text looks on a background with the Hex color 5E72AD.

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


5E72AD

Protanopia

5F72AD

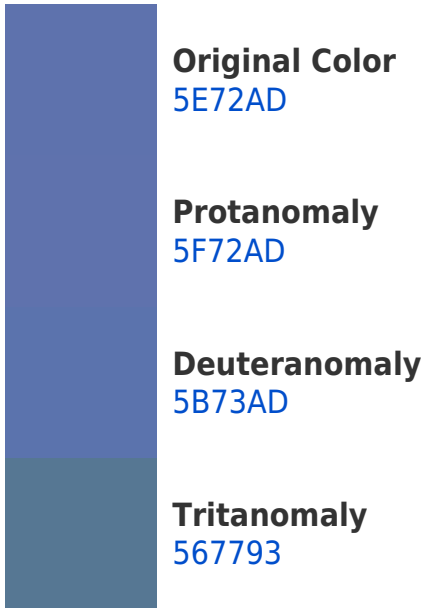
Deuteranopia

5A73AD

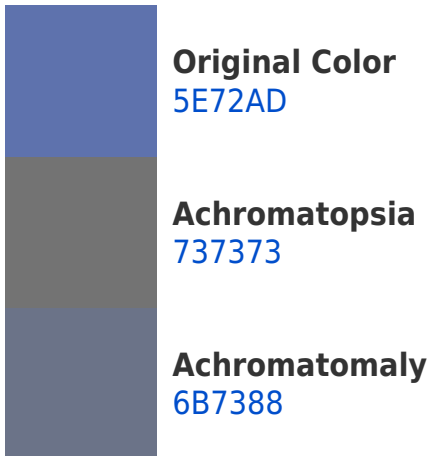


Tritanopia
527A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E72AD 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 #5E72AD looks like.

```
.text, #text, p{  
    color:#5E72AD  
}
```

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 #5E72AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E72AD
}
```

Border

The CSS property to change the border of an element to Hex 5E72AD 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
#5E72AD }
```

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

```
.border{ border-color:#5E72AD }
```

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

Here you see how a box with a 4 pixel #5E72AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E72AD; -webkit-box-shadow:4px 4px  
4px 4px #5E72AD; box-shadow:4px 4px 4px  
4px #5E72AD }
```

Background

The CSS property to change the background color of an element to Hex 5E72AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E72AD }
```

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

```
.background{ background-color:#5E72AD }
```

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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