

Converting Colors

Hex(5E50A3)

Have a look what the booklet for
Hex(5E50A3) contains.

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Color

Hex(5E50A3)

Conversions

Conversions Part 1

Format	Color
Hex	5E50A3
RGB	94, 80, 163
RGB Percent	37%, 31%, 64%
CMY	0.6314, 0.6863, 0.3608
CMYK	0.42, 0.51, 0.00, 0.36
HSL	250°, 34%, 48%
HSV	250°, 51%, 64%
XYZ	14.0956, 10.7613, 35.9846
YIQ	93.6480, -18.2990, 28.7810

Conversions

Conversions Part 2

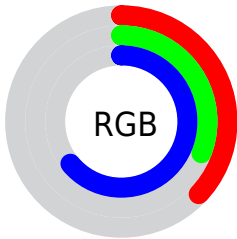
Format	Color
R_{YB}	94, 80, 163
Decimal	6181027
CIE _{Lab}	39.18, 26.83, -43.15
CIE _{LCh}	39, 50.809, 301.877
Yxy	10.7613, 0.2317, 0.1769
Android (android.graphics.Color)	4284371107 (0xFF5E50A3)
YUV	93.6480, 34.1905, 0.3087
Hunter-Lab	32.8045, 19.2910, -42.0744

Details

The Hex color **5E50A3** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **95A350**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **9482DA**, and **28236F** is the 20% darker color. If you saturate the color by 10%, you get **5040A3**, and if you desaturate by 10%, it is **6C60A3**.

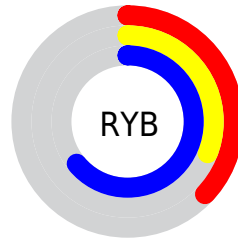
Distribution



Red (37%)

Green (31%)

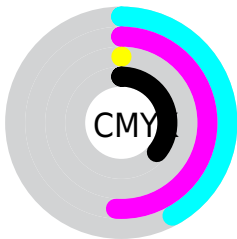
Blue (64%)



Red (37%)

Yellow (31%)

Blue (64%)

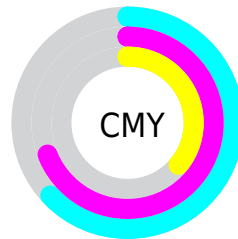


Cyan (42%)

Magenta (51%)

Yellow (0%)

Black (36%)



Cyan (63%)

Magenta (69%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E50A3 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 5E50A3 by changing the saturation by 10% instead.

■ 5E50A3

■ 5E50A3

FFFFFF

■ 433988

■ 9482DA

■ 28236F

■ B09CF7

■ 050E56

■ CCB7FF

■ 00003E

■ E9D2FF

■ 000327

■ FFEFFF

■ 000110

■ 000000

■ 5E50A3

■ 5E50A3

■ 5040A3

■ 6C60A3

■ 432FA3

■ 7971A3

■ 351FA3

■ 8781A3

■ 280FA3

■ 9491A3

■ 1B00A3

■ A2A2A3

■ AFB2A3

■ BDC2A3

■ CAD2A3

■ D8E3A3

Harmonies

Analogous

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



0060AF



5E50A3



8F3C84

Triad

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



5E50A3



8D4B0D



006F5E

Complementary

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



5E50A3



95A350

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.



006C33



5E50A3



6D5B00

Square

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



5E50A3



A23933



436607



006F87

Rectangle

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



5E50A3



A03269



436607



006E4F

Sweetspot

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



5E50A3



B9B4D4



5095A3



5B586B



EBEBEB



6B6B6B

Same Dimension

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



5E50A3



6853D4



8750A3



4B4952



190091



030012

Inverse Universe

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



A35095



D453BE



6CA350



524950



910079



12000F

Previews

White Background



This preview shows how the Hex color 5E50A3 looks on a white background.

Color Contrast Check

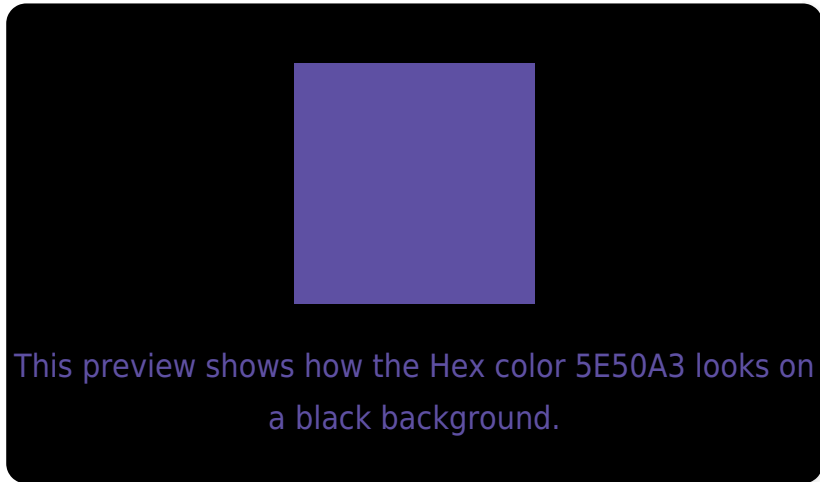
Large Text (above 18pt) WCAG AA ✓ Pass

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

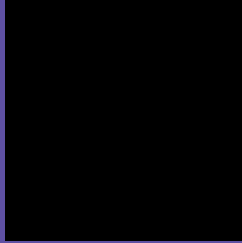
Any Text WCAG AA × Fail

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 5E50A3 Background



This preview shows how black text looks on a background with the Hex color 5E50A3.

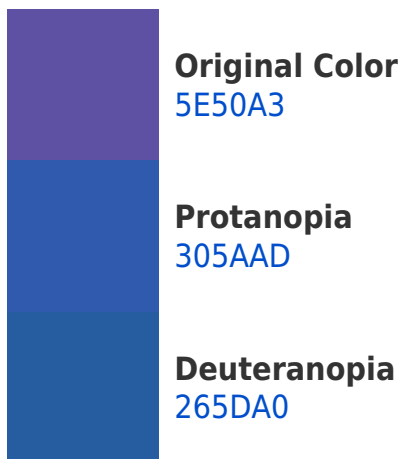


This preview shows how white text looks on a background with the Hex color 5E50A3.

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
4F5F66

Trichromacy



Original Color
5E50A3

Protanomaly
4156A9

Deuteranomaly
3A58A1

Tritanomaly
545A7C

Monochromacy



Original Color
5E50A3

Achromatopsia
5E5E5E

Achromatomaly
5E5977

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E50A3 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 #5E50A3 looks like.

```
.text, #text, p{  
    color:#5E50A3  
}
```

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 #5E50A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E50A3
}
```

Border

The CSS property to change the border of an element to Hex 5E50A3 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
#5E50A3 }
```

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

```
.border{ border-color:#5E50A3 }
```

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

Here you see how a box with a 4 pixel #5E50A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E50A3; -webkit-box-shadow:4px 4px  
4px 4px #5E50A3; box-shadow:4px 4px 4px  
4px #5E50A3 }
```

Background

The CSS property to change the background color of an element to Hex 5E50A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E50A3 }
```

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

```
.background{ background-color:#5E50A3 }
```

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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