

Converting Colors

Hex(5B6DA5)

Have a look what the booklet for
Hex(5B6DA5) contains.

Hex(5B6DA5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5B6DA5)

Conversions

Conversions Part 1

Format	Color
Hex	5B6DA5
RGB	91, 109, 165
RGB Percent	36%, 43%, 65%
CMY	0.6431, 0.5725, 0.3529
CMYK	0.45, 0.34, 0.00, 0.35
HSL	225°, 29%, 50%
HSV	225°, 45%, 65%
XYZ	16.5746, 15.8780, 37.7885
YIQ	110.0020, -28.7040, 13.6000

Conversions

Conversions Part 2

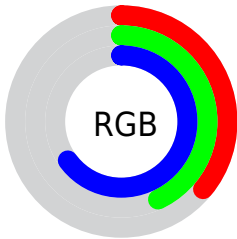
Format	Color
R_{YB}	91, 105, 165
Decimal	5991845
CIE _{Lab}	46.81, 8.59, -32.25
CIE _{LCh}	47, 33.375, 284.920
Yxy	15.8780, 0.2360, 0.2261
Android (android.graphics.Color)	4284181925 (0xFF5B6DA5)
YUV	110.0020, 27.1140, -16.6648
Hunter-Lab	39.8473, 4.5148, -28.3336

Details

The Hex color **5B6DA5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A5935B**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **90A0DC**, and **263E71** is the 20% darker color. If you saturate the color by 10%, you get **4A61A5**, and if you desaturate by 10%, it is **6B79A5**.

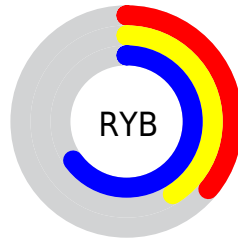
Distribution



Red (36%)

Green (43%)

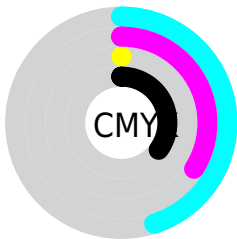
Blue (65%)



Red (36%)

Yellow (41%)

Blue (65%)

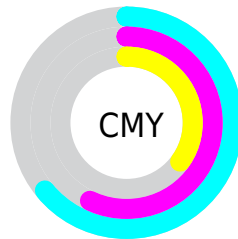


Cyan (45%)

Magenta (34%)

Yellow (0%)

Black (35%)



Cyan (64%)

Magenta (57%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B6DA5 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 5B6DA5 by changing the saturation by 10% instead.

■ 5B6DA5

■ 5B6DA5

FFFFFF

■ 41558A

■ 90A0DC

■ 263E71

■ ACBBF9

■ 032858

■ C8D7FF

■ 001440

■ E5F3FF

■ 00032A

■ 000114

■ 000000

■ 5B6DA5

■ 5B6DA5

■ 4A61A5

■ 6B79A5

■ 3A54A5

■ 7C86A5

■ 2A48A5

■ 8C92A5

■ 193BA5

■ 9D9FA5

■ 082FA5

■ ADABA5

■ 0028A5

■ BEB8A5

■ CEC4A5

■ DFD1A5

■ EFDDA5

Harmonies

Analogous

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



1B76A5



5B6DA5



836297

Triad

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



5B6DA5



9E5F49



2A7D5F

Complementary

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



5B6DA5



A5935B

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.



537946



5B6DA5



8C6838

Square

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



5B6DA5



A55862



737237



007E7C

Rectangle

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



5B6DA5



965C87



737237



3A7C56

Sweetspot

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



5B6DA5



BAC1D6



5BA593



5A5E6B



EBEBEB



6B6B6B

Same Dimension

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



5B6DA5



637FD6



6D5BA5



494B52



002391



000412

Inverse Universe

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



A55B6D



D6637F



93A55B



52494B



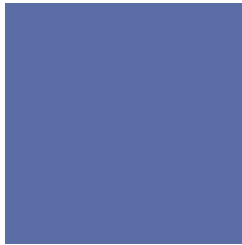
910023



120004

Previews

White Background



This preview shows how the Hex color 5B6DA5 looks on a white background.

Color Contrast Check

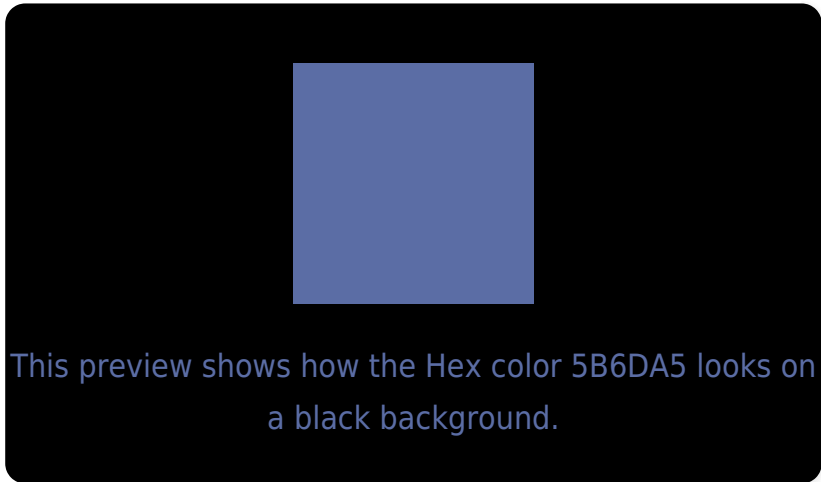
Large Text (above 18pt) WCAG AA ✓ Pass

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

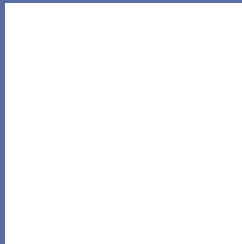
Any Text WCAG AAA × Fail

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

Hex 5B6DA5 Background



This preview shows how black text looks on a background with the Hex color 5B6DA5.

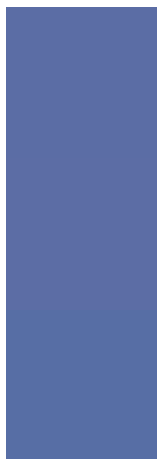


This preview shows how white text looks on a background with the Hex color 5B6DA5.

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
5B6DA5

Protanopia
5C6DA5

Deuteranopia
576EA5



Tritanopia
50757E

Trichromacy



Original Color
5B6DA5

Protanomaly
5C6DA5

Deuteranomaly
586EA5

Tritanomaly
54728C

Monochromacy



Original Color
5B6DA5

Achromatopsia
6E6E6E

Achromatomaly
676E82

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B6DA5 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 #5B6DA5 looks like.

```
.text, #text, p{  
    color:#5B6DA5  
}
```

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 #5B6DA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6DA5
}
```

Border

The CSS property to change the border of an element to Hex 5B6DA5 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
#5B6DA5 }
```

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

```
.border{ border-color:#5B6DA5 }
```

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

Here you see how a box with a 4 pixel #5B6DA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6DA5; -webkit-box-shadow:4px 4px  
4px 4px #5B6DA5; box-shadow:4px 4px 4px  
4px #5B6DA5 }
```

Background

The CSS property to change the background color of an element to Hex 5B6DA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6DA5 }
```

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

```
.background{ background-color:#5B6DA5 }
```

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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