

Converting Colors

Hex(5763AB)

Have a look what the booklet for
Hex(5763AB) contains.

Hex(5763AB)	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(5763AB)

Conversions

Conversions Part 1

Format	Color
Hex	5763AB
RGB	87, 99, 171
RGB Percent	34%, 39%, 67%
CMY	0.6588, 0.6118, 0.3294
CMYK	0.49, 0.42, 0.00, 0.33
HSL	231°, 33%, 51%
HSV	231°, 49%, 67%
XYZ	15.7430, 13.8902, 40.3794
YIQ	103.6200, -30.2640, 19.8480

Conversions

Conversions Part 2

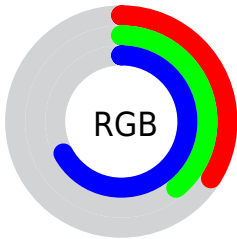
Format	Color
R _Y B	87, 98, 171
Decimal	5727147
CIE Lab	44.08, 15.65, -40.11
CIE LCh	44, 43.057, 291.309
Yxy	13.8902, 0.2249, 0.1984
Android (android.graphics.Color)	4283917227 (0xFF5763AB)
YUV	103.6200, 33.2183, -14.5757
Hunter-Lab	37.2695, 10.1784, -38.1486

Details

The Hex color **5763AB** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AB9F57**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **8D96E3**, and **1E3576** is the 20% darker color. If you saturate the color by 10%, you get **4654AB**, and if you desaturate by 10%, it is **6872AB**.

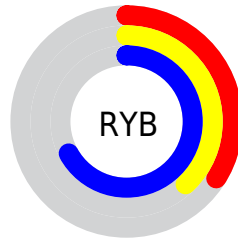
Distribution



Red (34%)

Green (39%)

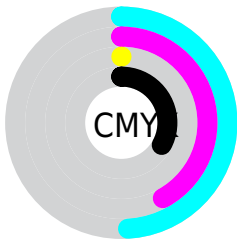
Blue (67%)



Red (34%)

Yellow (38%)

Blue (67%)

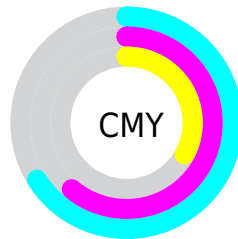


Cyan (49%)

Magenta (42%)

Yellow (0%)

Black (33%)



Cyan (66%)

Magenta (61%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5763AB 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 5763AB by changing the saturation by 10% instead.

■ 5763AB

■ 5763AB

FFFFFF

■ 3C4B90

■ 8D96E3

■ 1E3576

■ A9B0FF

■ 00205D

■ C5CCFF

■ 000A45

■ E2E8FF

■ 00042E

■ 000118

■ 000000

■ 5763AB

■ 5763AB

■ 4654AB

■ 6872AB

■ 3546AB

■ 7980AB

■ 2437AB

■ 8A8FAB

■ 1328AB

■ 9B9EAB

■ 011AAB

■ ACACAB

■ 0018AB

■ BEBBAB

■ CFCAAB

■ E0D8AB

■ F1E7AB

Harmonies

Analogous

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



006FAF



5763AB



8A5495

Triad

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



5763AB



9D5531



00795C

Complementary

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



5763AB



AB9F57

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.



377539



5763AB



84631D

Square

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



5763AB



AA4950



636E20



007A81

Rectangle

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



5763AB



9E4B80



636E20



007850

Sweetspot

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



5763AB



BDC1DE



57AB9E



5C5F70



F0F0F0



707070

Same Dimension

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



5763AB



5B6EDE



7457AB



4E4F57



001596



000317

Inverse Universe

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



AB5763



DE5B6E



8EAB57



574E4F



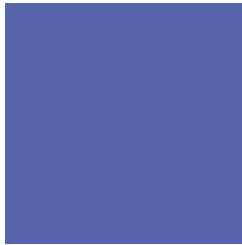
960015



170003

Previews

White Background



This preview shows how the Hex color 5763AB looks on a white background.

Color Contrast Check

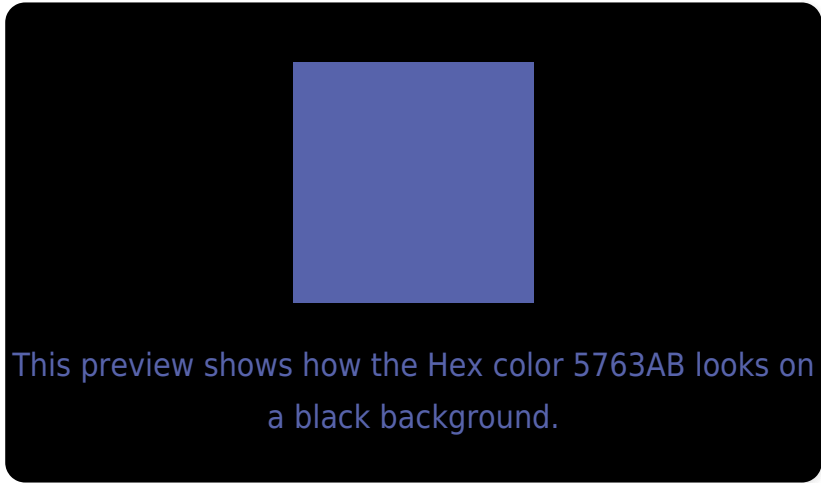
Large Text (above 18pt) WCAG AA ✓ Pass

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 5763AB Background



This preview shows how black text looks on a background with the Hex color 5763AB.



This preview shows how white text looks on a background with the Hex color 5763AB.

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
5763AB

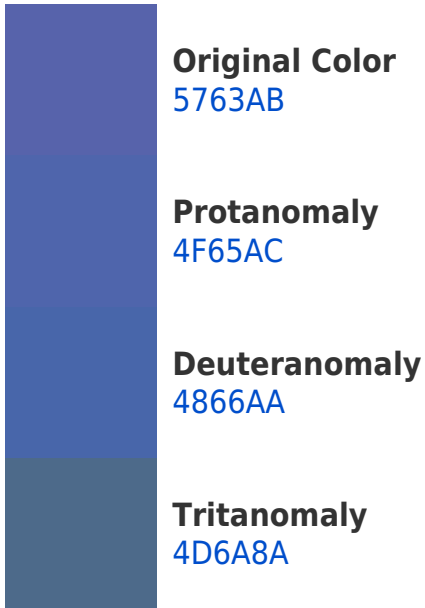
Protanopia
4A66AD

Deuteranopia
3F68AA

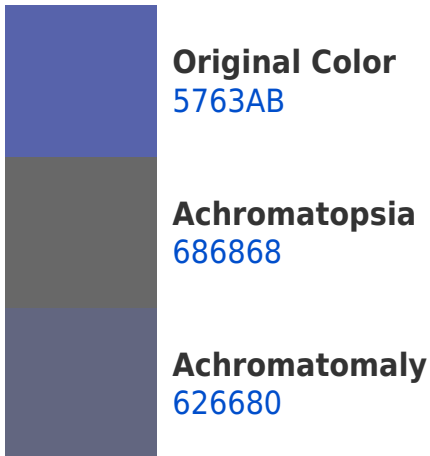


Tritanopia
476E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5763AB 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 #5763AB looks like.

```
.text, #text, p{  
    color:#5763AB  
}
```

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 #5763AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5763AB
}
```

Border

The CSS property to change the border of an element to Hex 5763AB 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".

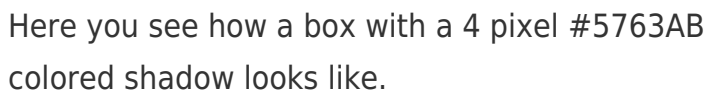
```
.border, #border, table{ border:4px solid
#5763AB }
```

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

```
.border{ border-color:#5763AB }
```

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

Here you see how a box with a 4 pixel #5763AB colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5763AB; -webkit-box-shadow:4px 4px  
4px 4px #5763AB; box-shadow:4px 4px 4px  
4px #5763AB }
```

Background

The CSS property to change the background color of an element to Hex 5763AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5763AB }
```

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

```
.background{ background-color:#5763AB }
```

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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