

Converting Colors

Hex(596BA1)

Have a look what the booklet for
Hex(596BA1) contains.

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Color

Hex(596BA1)

Conversions

Conversions Part 1

Format	Color
Hex	596BA1
RGB	89, 107, 161
RGB Percent	35%, 42%, 63%
CMY	0.6510, 0.5804, 0.3686
CMYK	0.45, 0.34, 0.00, 0.37
HSL	225°, 29%, 49%
HSV	225°, 45%, 63%
XYZ	15.8105, 15.2124, 35.8212
YIQ	107.7740, -28.0620, 12.9780

Conversions

Conversions Part 2

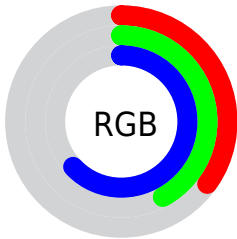
Format	Color
R_{YB}	89, 103, 161
Decimal	5860257
CIE _{Lab}	45.92, 8.07, -31.30
CIE _{LCh}	46, 32.325, 284.457
Yxy	15.2124, 0.2365, 0.2276
Android (android.graphics.Color)	4284050337 (0xFF596BA1)
YUV	107.7740, 26.2404, -16.4648
Hunter-Lab	39.0031, 4.1023, -27.1508

Details

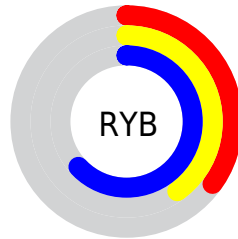
The Hex color **596BA1** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A18F59**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **8E9ED8**, and **243C6D** is the 20% darker color. If you saturate the color by 10%, you get **495FA1**, and if you desaturate by 10%, it is **6977A1**.

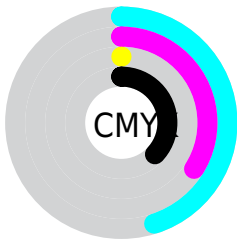
Distribution



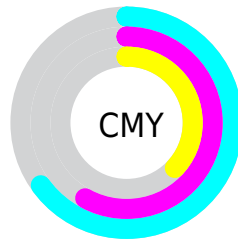
- Red (35%)
- Green (42%)
- Blue (63%)



- Red (35%)
- Yellow (40%)
- Blue (63%)



- Cyan (45%)
- Magenta (34%)
- Yellow (0%)
- Black (37%)



- Cyan (65%)
- Magenta (58%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 596BA1 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 596BA1 by changing the saturation by 10% instead.

■ 596BA1

■ 596BA1

FFFFFF

■ 3F5387

■ 8E9ED8

■ 243C6D

■ AAB9F5

■ 012754

■ C6D5FF

■ 00123D

■ E2F1FF

■ 000327

■ 000110

■ 000000

■ 596BA1

■ 596BA1

■ 495FA1

■ 6977A1

■ 3953A1

■ 7983A1

■ 2947A1

■ 898FA1

■ 193BA1

■ 999BA1

■ 092FA1

■ AAA7A1

■ 0028A1

■ BAB3A1

■ CAC0A1

■ DACCA1

■ EAD8A1

Harmonies

Analogous

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



1D74A0



596BA1



806194

Triad

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



596BA1



9B5D48



2C7A5D

Complementary

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



596BA1



A18F59

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.



537645



596BA1



8A6638

Square

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



596BA1



A15761



716F37



007B79

Rectangle

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



596BA1



925B85



716F37



3A7954

Sweetspot

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



596BA1



B6BDD1



59A18F



585C69



E8E8E8



696969

Same Dimension

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



596BA1



607CD1



6B59A1



494B52



002491



000412

Inverse Universe

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



A1596B



D1607C



8FA159



52494B



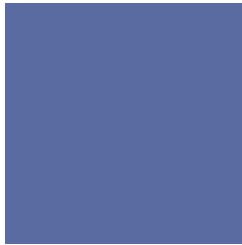
910024



120004

Previews

White Background



This preview shows how the Hex color 596BA1 looks on a white background.

Color Contrast Check

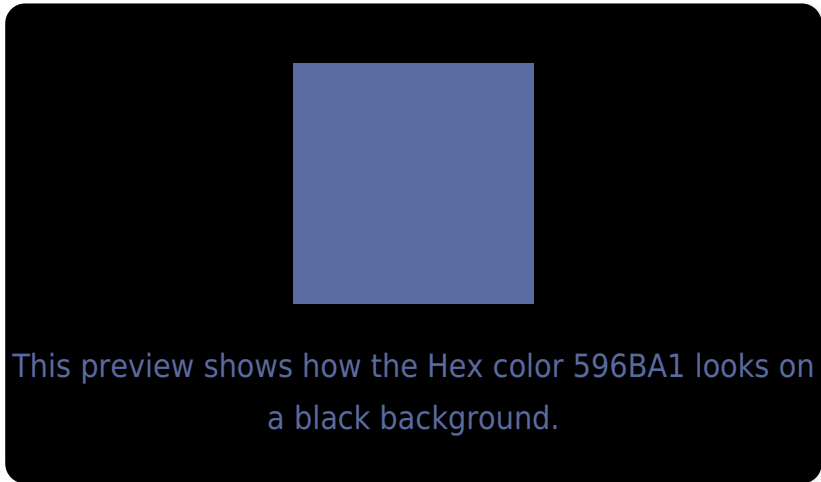
Large Text (above 18pt) WCAG AA ✓ Pass

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

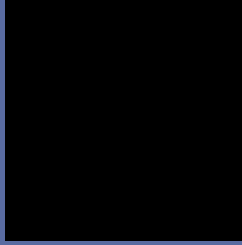
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

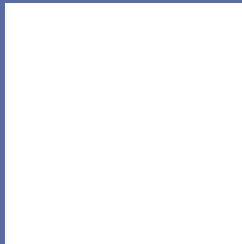
Any Text WCAG AAA × Fail

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

Hex 596BA1 Background



This preview shows how black text looks on a background with the Hex color 596BA1.

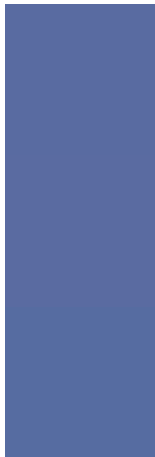


This preview shows how white text looks on a background with the Hex color 596BA1.

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
596BA1

Protanopia
5A6BA1

Deuteranopia
566CA1



Tritanopia
4F727C

Trichromacy



Original Color
596BA1

Protanomaly
5A6BA1

Deuteranomaly
576CA1

Tritanomaly
536F89

Monochromacy



Original Color
596BA1

Achromatopsia
6C6C6C

Achromatomaly
656C7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 596BA1 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 #596BA1 looks like.

```
.text, #text, p{  
    color:#596BA1  
}
```

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 #596BA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #596BA1
}
```

Border

The CSS property to change the border of an element to Hex 596BA1 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
#596BA1 }
```

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

```
.border{ border-color:#596BA1 }
```

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

Here you see how a box with a 4 pixel #596BA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #596BA1; -webkit-box-shadow:4px 4px  
4px 4px #596BA1; box-shadow:4px 4px 4px  
4px #596BA1 }
```

Background

The CSS property to change the background color of an element to Hex 596BA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#596BA1 }
```

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

```
.background{ background-color:#596BA1 }
```

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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