

Converting Colors

Hex(596793)

Have a look what the booklet for
Hex(596793) contains.

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Color

Hex(596793)

Conversions

Conversions Part 1

Format	Color
Hex	596793
RGB	89, 103, 147
RGB Percent	35%, 40%, 58%
CMY	0.6510, 0.5961, 0.4235
CMYK	0.39, 0.30, 0.00, 0.42
HSL	226°, 25%, 46%
HSV	226°, 39%, 58%
XYZ	14.2365, 13.9309, 29.5424
YIQ	103.8300, -22.4680, 10.7160

Conversions

Conversions Part 2

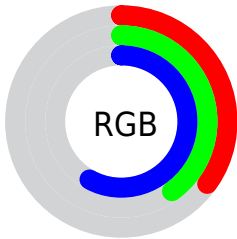
Format	Color
R_{YB}	89, 100, 147
Decimal	5859219
CIE _{Lab}	44.13, 6.34, -25.80
CIE _{LCh}	44, 26.566, 283.807
Yxy	13.9309, 0.2467, 0.2414
Android (android.graphics.Color)	4284049299 (0xFF596793)
YUV	103.8300, 21.2828, -13.0059
Hunter-Lab	37.3242, 2.7679, -20.8016

Details

The Hex color **596793** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **938559**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **8D9AC9**, and **273860** is the 20% darker color. If you saturate the color by 10%, you get **4A5C93**, and if you desaturate by 10%, it is **687293**.

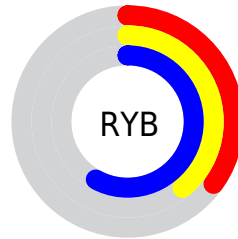
Distribution



Red (35%)

Green (40%)

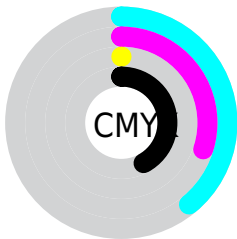
Blue (58%)



Red (35%)

Yellow (39%)

Blue (58%)

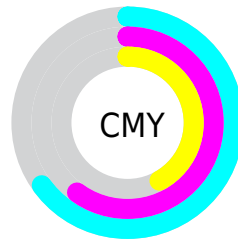


Cyan (39%)

Magenta (30%)

Yellow (0%)

Black (42%)



Cyan (65%)

Magenta (60%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 596793 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 596793 by changing the saturation by 10% instead.

■ 596793

■ 596793

FFFFFF

■ 404F79

■ 8D9AC9

■ 273860

■ A8B5E5

■ 0B2348

■ C4D0FF

■ 000D31

■ E0ECFF

■ 00021C

FDFFFF

■ 000000

■ 596793

■ 596793

■ 4A5C93

■ 687293

■ 3C5193

■ 767D93

■ 2D4693

■ 858893

■ 1E3A93

■ 949493

■ 102F93

■ A39F93

■ 012493

■ B1AA93

■ 002393

■ C0B593

■ CFC093

■ DDCB93

Harmonies

Analogous

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



336E92



596793



785F88

Triad

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



596793



8F5C4B



38735B

Complementary

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



596793



938559

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.



547048



596793



81633E

Square

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



596793



93575F



6D6A3D



177472

Rectangle

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



596793



865A7C



6D6A3D



427254

Sweetspot

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



596793



A8AEBF



599384



535761



E0E0E0



616161

Same Dimension

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



596793



657BBF



675993



43444A



00218A



00020A

Inverse Universe

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



935967



BF657B



849359



4A4344



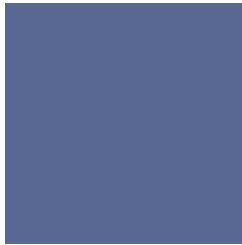
8A0021



0A0002

Previews

White Background



This preview shows how the Hex color 596793 looks on a white background.

Color Contrast Check

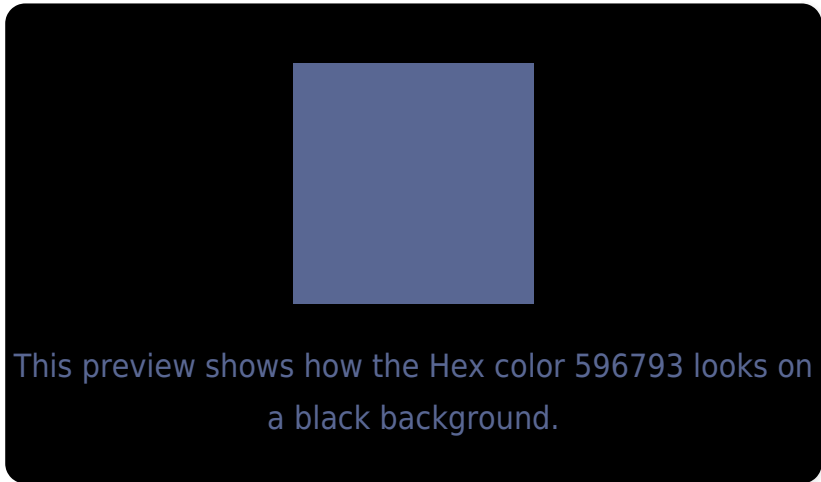
Large Text (above 18pt) WCAG AA ✓ Pass

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

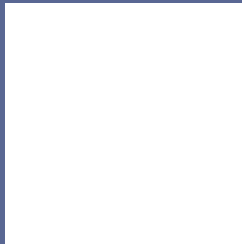
Any Text WCAG AAA × Fail

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

Hex 596793 Background



This preview shows how black text looks on a background with the Hex color 596793.



This preview shows how white text looks on a background with the Hex color 596793.

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
596793

Protanopia
5B6793

Deuteranopia
596793



Tritanopia
526D75

Trichromacy



Original Color
596793

Protanomaly
5A6793

Deuteranomaly
596793

Tritanomaly
556B80

Monochromacy



Original Color
596793

Achromatopsia
686868

Achromatomaly
636878

CSS Examples

Text

The CSS property to change the color of the text to Hex 596793 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 #596793 looks like.

```
.text, #text, p{  
    color:#596793  
}
```

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 #596793 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #596793
}
```

Border

The CSS property to change the border of an element to Hex 596793 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
#596793 }
```

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

```
.border{ border-color:#596793 }
```

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

Here you see how a box with a 4 pixel #596793 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #596793; -webkit-box-shadow:4px 4px  
4px 4px #596793; box-shadow:4px 4px 4px  
4px #596793 }
```

Background

The CSS property to change the background color of an element to Hex 596793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#596793 }
```

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

```
.background{ background-color:#596793 }
```

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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