

Converting Colors

Hex(596185)

Have a look what the booklet for
Hex(596185) contains.

Hex(596185)	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(596185)

Conversions

Conversions Part 1

Format	Color
Hex	596185
RGB	89, 97, 133
RGB Percent	35%, 38%, 52%
CMY	0.6510, 0.6196, 0.4784
CMYK	0.33, 0.27, 0.00, 0.48
HSL	229°, 20%, 44%
HSV	229°, 33%, 52%
XYZ	12.6282, 12.3667, 23.9117
YIQ	98.7120, -16.3240, 9.5000

Conversions

Conversions Part 2

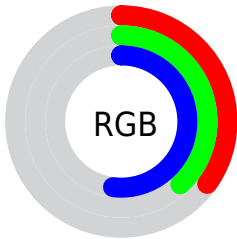
Format	Color
R_{YB}	89, 96, 133
Decimal	5857669
CIE _{Lab}	41.79, 6.03, -21.02
CIE _{LCh}	42, 21.868, 285.998
Yxy	12.3667, 0.2582, 0.2529
Android (android.graphics.Color)	4284047749 (0xFF596185)
YUV	98.7120, 16.9040, -8.5174
Hunter-Lab	35.1663, 2.5580, -15.6985

Details

The Hex color **596185** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **857D59**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8C93BA**, and **293353** is the 20% darker color. If you saturate the color by 10%, you get **4C5685**, and if you desaturate by 10%, it is **666C85**.

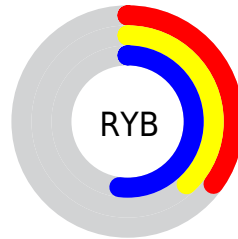
Distribution



 Red (35%)

 Green (38%)

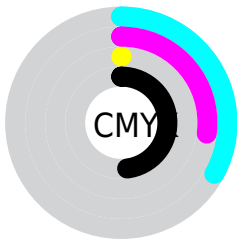
 Blue (52%)




 Red (35%)

 Yellow (38%)

 Blue (52%)

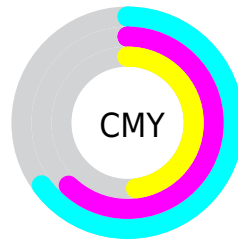


 Cyan (33%)


 Magenta (27%)

 Yellow (0%)

 Black (48%)



 Cyan (65%)

 Magenta (62%)

 Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 596185 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 596185 by changing the saturation by 10% instead.

■ 596185

■ 596185

FFFFFF

■ 41496C

■ 8C93BA

■ 293353

■ A7AED6

■ 111E3C

■ C2C9F2

■ 000426

■ DFE5FF

■ 000110

■ FBFFFF

■ 000000

■ 596185

■ 596185

■ 4C5685

■ 666C85

■ 3E4B85

■ 747785

■ 314085

■ 818285

■ 243585

■ 8E8D85

■ 162B85

■ 9B9785

■ 092085

■ A9A285

■ 001885

■ B6AD85

■ C3B885

■ D1C385

Harmonies

Analogous

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



3D6785



596185



715B7C

Triad

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



596185



82594A



3C6C59

Complementary

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



596185



857D59

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.



516949



596185



775F40

Square

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



596185



86555A



656540



296C6C

Rectangle

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



596185



7C5772



656540



436B53

Sweetspot

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



596185



9C9FAD



59857D



4C4E57



D6D6D6



575757

Same Dimension

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



596185



6875AD



675985



3C3D42



001882



000003

Inverse Universe

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



855961



AD6875



778559



423C3D



820018



030000

Previews

White Background



This preview shows how the Hex color 596185 looks on a white background.

Color Contrast Check

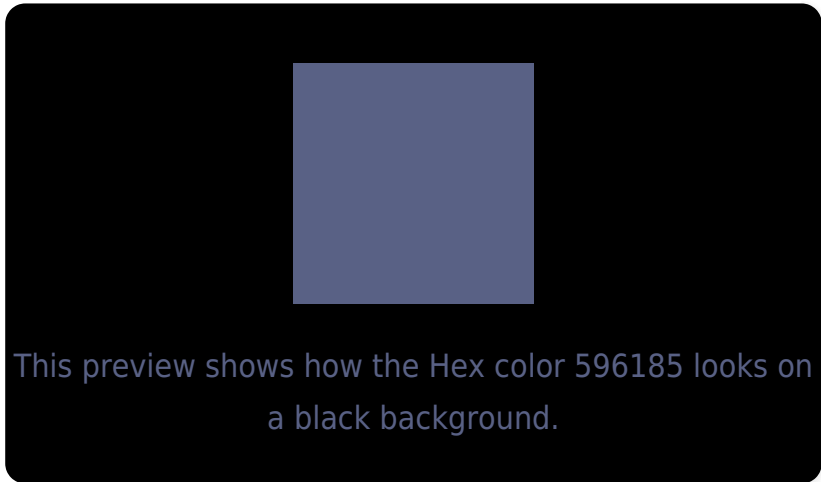
Large Text (above 18pt) WCAG AA ✓ Pass

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

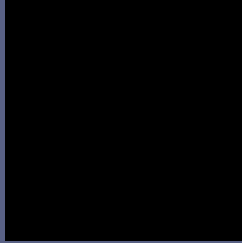
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

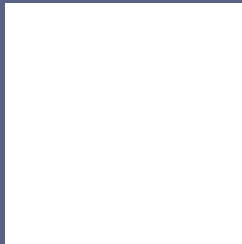
Any Text WCAG AAA × Fail

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

Hex 596185 Background



This preview shows how black text looks on a background with the Hex color 596185.



This preview shows how white text looks on a background with the Hex color 596185.

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](#).

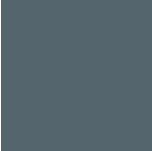
Dichromacy



Original Color
596185

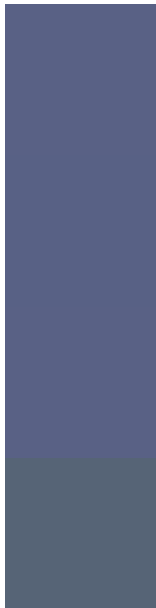
Protanopia
586185

Deuteranopia
596185



Tritanopia
54656E

Trichromacy



Original Color
596185

Protanomaly
586185

Deuteranomaly
596185

Tritanomaly
566476

Monochromacy



Original Color
596185

Achromatopsia
636363

Achromatomaly
5F626F

CSS Examples

Text

The CSS property to change the color of the text to Hex 596185 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 #596185 looks like.

```
.text, #text, p{  
    color:#596185  
}
```

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 #596185 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #596185
}
```

Border

The CSS property to change the border of an element to Hex 596185 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".

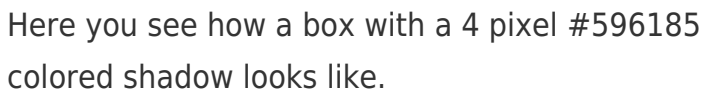
```
.border, #border, table{ border:4px solid
#596185 }
```

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

```
.border{ border-color:#596185 }
```

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

Here you see how a box with a 4 pixel #596185 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #596185; -webkit-box-shadow:4px 4px  
4px 4px #596185; box-shadow:4px 4px 4px  
4px #596185 }
```

Background

The CSS property to change the background color of an element to Hex 596185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#596185 }
```

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

```
.background{ background-color:#596185 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor