

Converting Colors

Hex(596495)

Have a look what the booklet for
Hex(596495) contains.

Hex(596495)	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(596495)

Conversions

Conversions Part 1

Format	Color
Hex	596495
RGB	89, 100, 149
RGB Percent	35%, 39%, 58%
CMY	0.6510, 0.6078, 0.4157
CMYK	0.40, 0.33, 0.00, 0.42
HSL	229°, 25%, 47%
HSV	229°, 40%, 58%
XYZ	14.1018, 13.4081, 30.2785
YIQ	102.2970, -22.2850, 12.9070

Conversions

Conversions Part 2

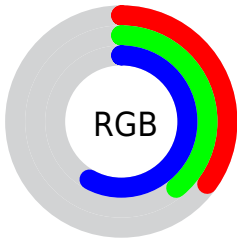
Format	Color
R_{YB}	89, 98, 149
Decimal	5858453
CIE _{Lab}	43.37, 8.78, -28.18
CIE _{LCh}	43, 29.515, 287.313
Yxy	13.4081, 0.2440, 0.2320
Android (android.graphics.Color)	4284048533 (0xFF596495)
YUV	102.2970, 23.0246, -11.6615
Hunter-Lab	36.6171, 4.6632, -23.3947

Details

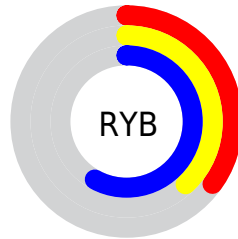
The Hex color **596495** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **958A59**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **8D97CB**, and **273662** is the 20% darker color. If you saturate the color by 10%, you get **4A5895**, and if you desaturate by 10%, it is **687095**.

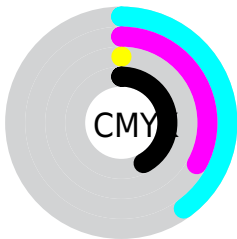
Distribution



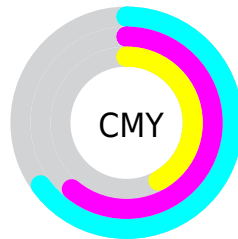
- Red (35%)
- Green (39%)
- Blue (58%)



- Red (35%)
- Yellow (38%)
- Blue (58%)



- Cyan (40%)
- Magenta (33%)
- Yellow (0%)
- Black (42%)



- Cyan (65%)
- Magenta (61%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 596495 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 596495 by changing the saturation by 10% instead.

■ 596495

■ 596495

FFFFFF

■ 404C7B

■ 8D97CB

■ 273662

■ A8B1E8

■ 0A214A

■ C4CDFF

■ 000933

■ E1E9FF

■ 00021D

FEFFFF

■ 000000

■ 596495

■ 596495

■ 4A5895

■ 687095

■ 3B4C95

■ 777C95

■ 2C3F95

■ 868995

■ 1D3395

■ 959595

■ 0E2795

■ A3A195

■ 001B95

■ B2AD95

■ C1B995

■ D0C595

■ DFD295

Harmonies

Analogous

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



2A6C96



596495



7B5B88

Triad

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



596495



8F5944



2A735B

Complementary

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



596495



958A59

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.



4C6F44



596495



7F6137

Square

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



596495



965359



686937



007374

Rectangle

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



596495



8A567A



686937



367253

Sweetspot

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



596495



ABAFC2



59958A



535661



E0E0E0



616161

Same Dimension

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



596495



6576C2



6C5995



43444A



00198A



00020A

Inverse Universe

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



955964



C26576



829559



4A4344



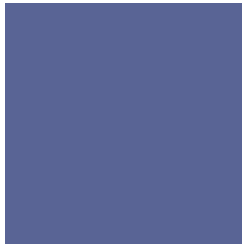
8A0019



0A0002

Previews

White Background



This preview shows how the Hex color 596495 looks on a white background.

Color Contrast Check

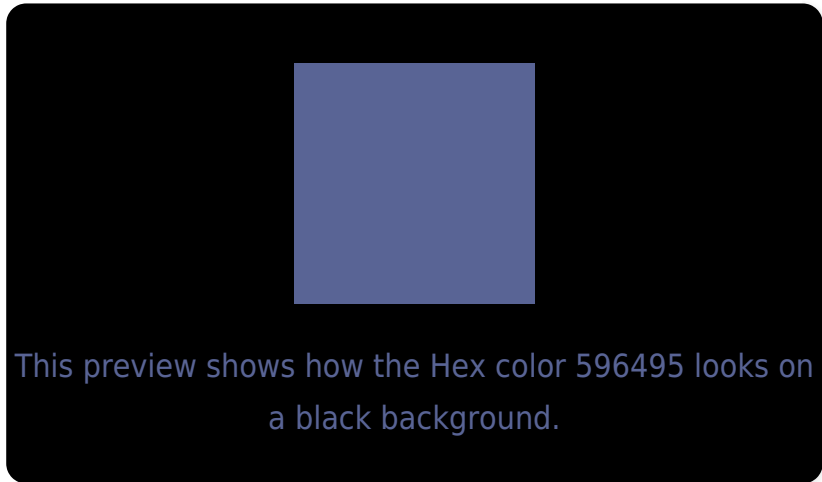
Large Text (above 18pt) WCAG AA ✓ Pass

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

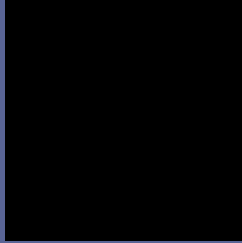
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

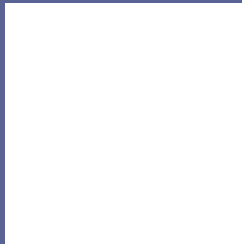
Any Text WCAG AAA × Fail

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

Hex 596495 Background



This preview shows how black text looks on a background with the Hex color 596495.



This preview shows how white text looks on a background with the Hex color 596495.

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


596495

Protanopia

566596

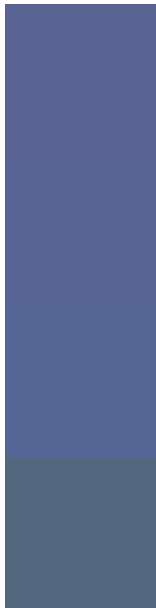
Deuteranopia

536695



Tritanopia
506B73

Trichromacy



Original Color
596495

Protanomaly
576596

Deuteranomaly
556595

Tritanomaly
53687F

Monochromacy



Original Color
596495

Achromatopsia
666666

Achromatomaly
616577

CSS Examples

Text

The CSS property to change the color of the text to Hex 596495 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 #596495 looks like.

```
.text, #text, p{  
    color:#596495  
}
```

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 #596495 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #596495
}
```

Border

The CSS property to change the border of an element to Hex 596495 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".

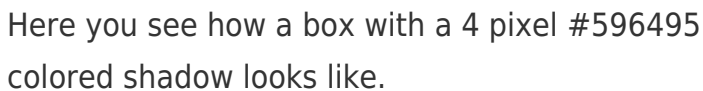
```
.border, #border, table{ border:4px solid
#596495 }
```

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

```
.border{ border-color:#596495 }
```

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

Here you see how a box with a 4 pixel #596495 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 #596495; -webkit-box-shadow:4px 4px  
4px 4px #596495; box-shadow:4px 4px 4px  
4px #596495 }
```

Background

The CSS property to change the background color of an element to Hex 596495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#596495 }
```

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

```
.background{ background-color:#596495 }
```

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