

# Converting Colors

Hex(596DAD)

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

<b>Hex(596DAD)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(596DAD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	596DAD
RGB	89, 109, 173
RGB Percent	35%, 43%, 68%
CMY	0.6510, 0.5725, 0.3216
CMYK	0.49, 0.37, 0.00, 0.32
HSL	226°, 34%, 51%
HSV	226°, 49%, 68%
XYZ	17.1313, 16.0783, 41.7357
YIQ	110.3160, -32.4640, 15.6640

# Conversions

## Conversions Part 2

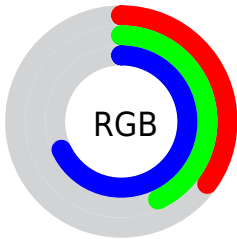
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 105, 173
Decimal	5860781
CIE <sub>Lab</sub>	47.08, 10.55, -36.53
CIE <sub>LCh</sub>	47, 38.023, 286.113
Yxy	16.0783, 0.2286, 0.2145
Android (android.graphics.Color)	4284050861 (0xFF596DAD)
YUV	110.3160, 30.9032, -18.6941
Hunter-Lab	40.0977, 6.0911, -33.6436

# Details

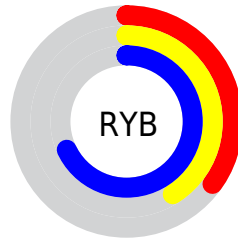
The Hex color **596DAD** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AD9959**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **8FA0E5**, and **213E78** is the 20% darker color. If you saturate the color by 10%, you get **4860AD**, and if you desaturate by 10%, it is **6A7AAD**.

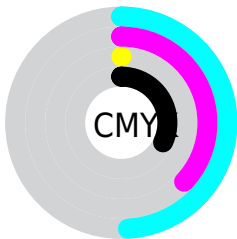
# Distribution



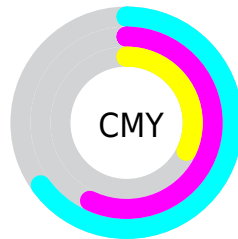
- Red (35%)
- Green (43%)
- Blue (68%)



- Red (35%)
- Yellow (41%)
- Blue (68%)



- Cyan (49%)
- Magenta (37%)
- Yellow (0%)
- Black (32%)



- Cyan (65%)
- Magenta (57%)
- Yellow (32%)

# Brightness & Saturation Gradients

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



■ 596DAD

■ 596DAD

FFFFFF

■ 3E5592

■ 8FA0E5

■ 213E78

■ ABBBFF

■ 00285F

■ C7D7FF

■ 001547

■ E4F3FF

■ 000430

■ 00011A

■ 000000

■ 596DAD

■ 596DAD

■ 4860AD

■ 6A7AAD

■ 3653AD

■ 7C87AD

■ 2545AD

■ 8D95AD

■ 1438AD

■ 9EA2AD

■ 022BAD

■ B0AFAD

■ 0029AD

■ C1BCAD

■ D2C9AD

■ E3D6AD

■ F5E4AD

# Harmonies

## Analogous

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



0077AD



596DAD



88609C

# Triad

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



596DAD



A45D43



117F5F

# Complementary

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



596DAD



AD9959

# 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.



4D7B42



596DAD



8F6930

# Square

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



596DAD



AC5560



72732F



008080

# Rectangle

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



596DAD



9C598A



72732F



2D7E55



# Sweetspot

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



596DAD



BFC7E0



59AD98



5C6170



F0F0F0



707070



# Same Dimension

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



596DAD



5E7DE0



6E59AD



4E5057



002496



000517



# Inverse Universe

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



AD596D



E05E7D



98AD59



574E50



960024

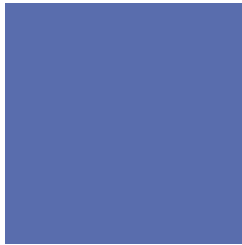


170005



# Previews

## White Background



This preview shows how the Hex color 596DAD 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



This preview shows how the Hex color 596DAD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

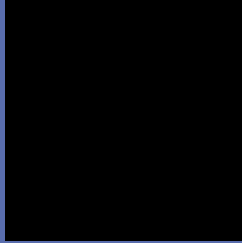
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 596DAD Background



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

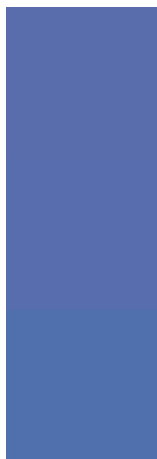


This preview shows how white text looks on a background with the Hex color 596DAD.

# 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**

596DAD

**Protanopia**

586DAD

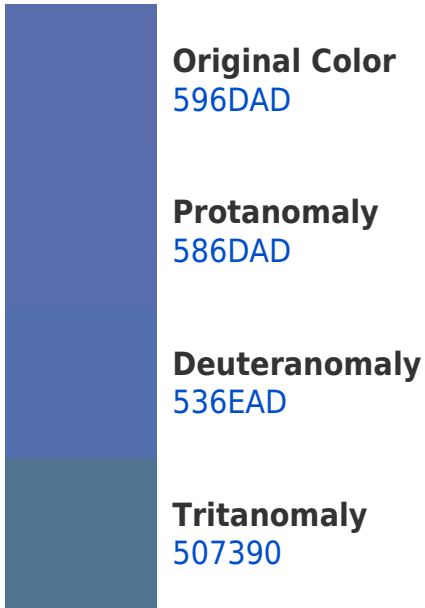
**Deuteranopia**

506FAD



**Tritanopia**  
4B7680

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #596DAD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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