

Converting Colors

Hex(596DBE)

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

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Color

Hex(596DBE)

Conversions

Conversions Part 1

Format	Color
Hex	596DBE
RGB	89, 109, 190
RGB Percent	35%, 43%, 75%
CMY	0.6510, 0.5725, 0.2549
CMYK	0.53, 0.43, 0.00, 0.25
HSL	228°, 44%, 55%
HSV	228°, 53%, 75%
XYZ	18.8827, 16.7788, 50.9586
YIQ	112.2540, -37.9210, 20.9510

Conversions

Conversions Part 2

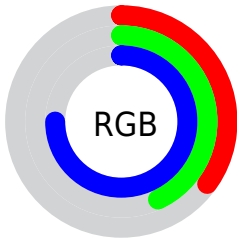
Format	Color
R_{YB}	89, 106, 190
Decimal	5860798
CIE _{Lab}	47.98, 15.97, -44.97
CIE _{LCh}	48, 47.722, 289.556
Yxy	16.7788, 0.2180, 0.1937
Android (android.graphics.Color)	4284050878 (0xFF596DBE)
YUV	112.2540, 38.3288, -20.3938
Hunter-Lab	40.9620, 10.6018, -45.0862

Details

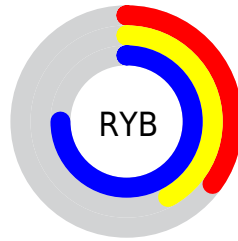
The Hex color **596DBE** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **BEAA59**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **91A0F7**, and **1A3E88** is the 20% darker color. If you saturate the color by 10%, you get **465EBE**, and if you desaturate by 10%, it is **6C7CBE**.

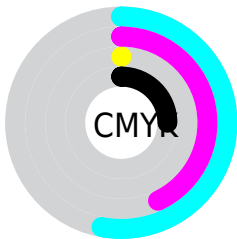
Distribution



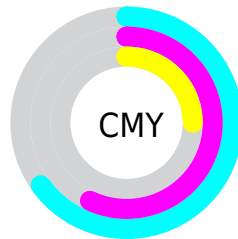
- Red (35%)
- Green (43%)
- Blue (75%)



- Red (35%)
- Yellow (42%)
- Blue (75%)



- Cyan (53%)
- Magenta (43%)
- Yellow (0%)
- Black (25%)



- Cyan (65%)
- Magenta (57%)
- Yellow (25%)

Brightness & Saturation Gradients

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

■ 596DBE

■ 596DBE

FFFFFF

■ 3C55A3

■ 91A0F7

■ 1A3E88

■ ADBBFF

■ 00296E

■ CAD7FF

■ 001555

■ E7F3FF

■ 00003E

■ 000327

■ 000110

■ 000000

■ 596DBE

■ 596DBE

■ 465EBE

■ 6C7CBE

■ 334FBE

■ 7F8BBE

■ 203FBE

■ 929BBE

■ 0D30BE

■ A5AABE

■ 0026BE

■ B8B9BE

■ CBC8BE

■ DED8BE

■ F1E7BE

■ FFF6BE

Harmonies

Analogous

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



007AC1



596DBE



955CA7

Triad

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



596DBE



AE5B36



008462

Complementary

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



596DBE



BEAA59

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.



3D803B



596DBE



936B1D

Square

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



596DBE



BB4E59



6E781E



00858C

Rectangle

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



596DBE



AC528F



6E781E



008354

Sweetspot

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



596DBE



D0D8F7



59BEAA



656A7D



FCFCFC



7D7D7D

Same Dimension

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



596DBE



5978F7



7759BE



55575E



001F9E



00061F

Inverse Universe

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



BE596D



F75978



A0BE59



5E5557



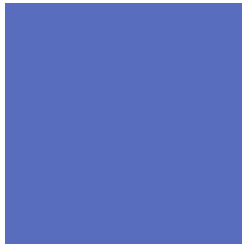
9E001F



1F0006

Previews

White Background



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

Color Contrast Check

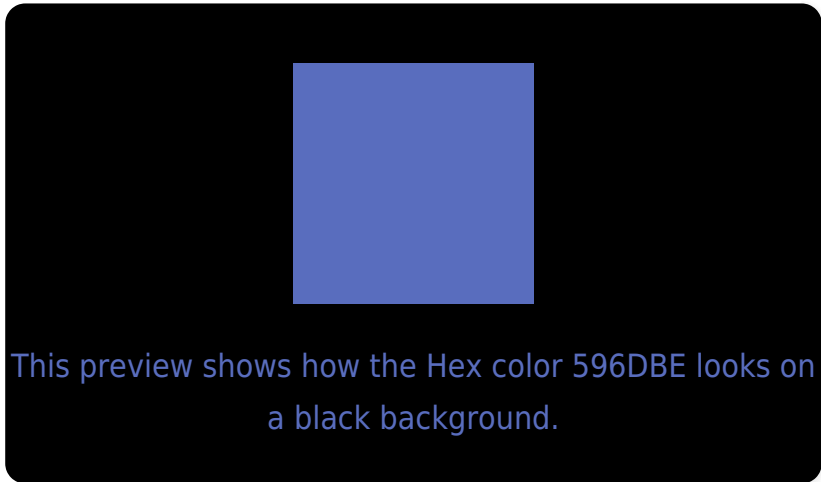
Large Text (above 18pt) WCAG AA ✓ Pass

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 596DBE Background



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



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

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
596DBE

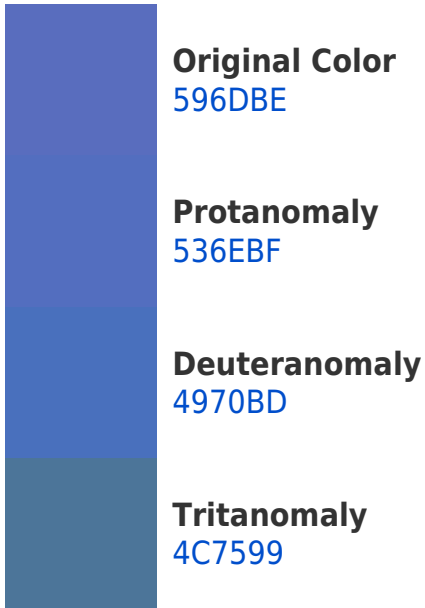
Protanopia
4F6FC0

Deuteranopia
4072BD



Tritanopia
457A84

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #596DBE colored shadow looks like.

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

Border

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

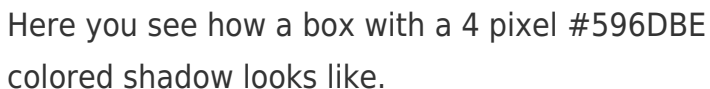
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#596DBE }
```

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

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

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



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

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

Background

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

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

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

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

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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