

Converting Colors

Hex(596AA4)

Have a look what the booklet for
Hex(596AA4) contains.

Hex(596AA4)	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(596AA4)

Conversions

Conversions Part 1

Format	Color
Hex	596AA4
RGB	89, 106, 164
RGB Percent	35%, 42%, 64%
CMY	0.6510, 0.5843, 0.3569
CMYK	0.46, 0.35, 0.00, 0.36
HSL	226°, 30%, 50%
HSV	226°, 46%, 64%
XYZ	15.9747, 15.1123, 37.1970
YIQ	107.5290, -28.7500, 14.4340

Conversions

Conversions Part 2

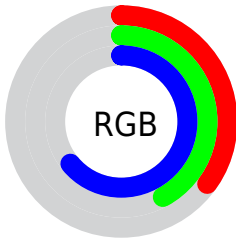
Format	Color
R_{YB}	89, 103, 164
Decimal	5860004
CIE _{Lab}	45.79, 9.61, -33.28
CIE _{LCh}	46, 34.641, 286.099
Yxy	15.1123, 0.2339, 0.2213
Android (android.graphics.Color)	4284050084 (0xFF596AA4)
YUV	107.5290, 27.8402, -16.2499
Hunter-Lab	38.8745, 5.3207, -29.5194

Details

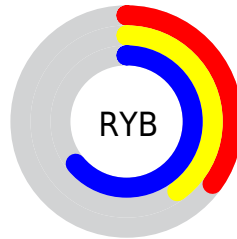
The Hex color **596AA4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A49359**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **8E9DDB**, and **233B70** is the 20% darker color. If you saturate the color by 10%, you get **495DA4**, and if you desaturate by 10%, it is **6977A4**.

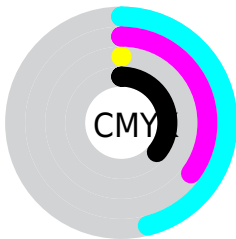
Distribution



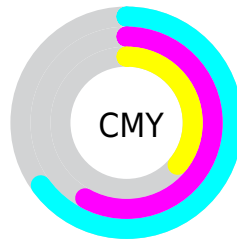
- Red (35%)
- Green (42%)
- Blue (64%)



- Red (35%)
- Yellow (40%)
- Blue (64%)



- Cyan (46%)
- Magenta (35%)
- Yellow (0%)
- Black (36%)



- Cyan (65%)
- Magenta (58%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 596AA4 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 596AA4 by changing the saturation by 10% instead.

■ 596AA4

■ 596AA4

FFFFFF

■ 3F5289

■ 8E9DDB

■ 233B70

■ AAB8F8

■ 002657

■ C6D3FF

■ 00123F

■ E3F0FF

■ 000329

■ 000113

■ 000000

■ 596AA4

■ 596AA4

■ 495DA4

■ 6977A4

■ 3851A4

■ 7A83A4

■ 2844A4

■ 8A90A4

■ 1737A4

■ 9B9DA4

■ 072BA4

■ ABA9A4

■ 0025A4

■ BBB6A4

■ CCC3A4

■ DCCFA4

■ EDDCA4

Harmonies

Analogous

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



0D73A4



596AA4



835F95

Triad

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



596AA4



9C5C44



1F7A5E

Complementary

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



596AA4



A49359

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.



4E7743



596AA4



896633

Square

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



596AA4



A3555E



6F7033



007B7C

Rectangle

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



596AA4



955884



6F7033



327954

Sweetspot

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



596AA4



B8BFD6



59A493



595D6B



EBEBEB



6B6B6B

Same Dimension

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



596AA4



607BD6



6D59A4



494B52



002191



000412

Inverse Universe

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



A4596A



D6607B



90A459



52494B



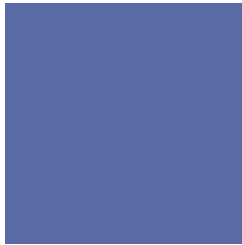
910021



120004

Previews

White Background



This preview shows how the Hex color 596AA4 looks on a white background.

Color Contrast Check

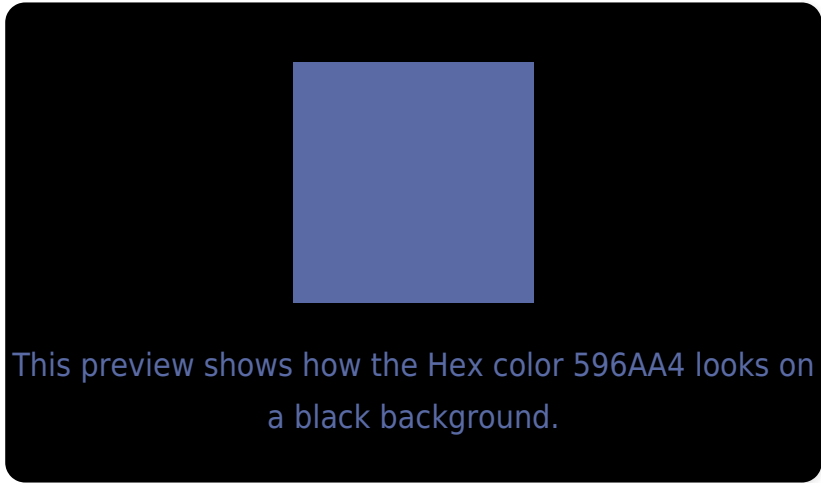
Large Text (above 18pt) WCAG AA ✓ Pass

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

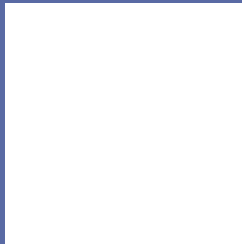
Any Text WCAG AAA × Fail

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

Hex 596AA4 Background



This preview shows how black text looks on a background with the Hex color 596AA4.



This preview shows how white text looks on a background with the Hex color 596AA4.

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

596AA4

Protanopia

586AA4

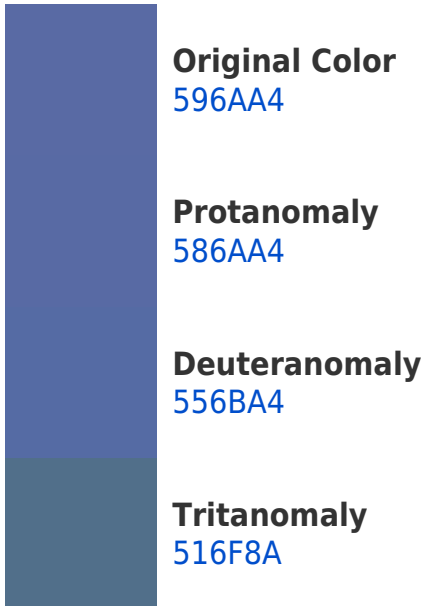
Deuteranopia

526CA4



Tritanopia
4D727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 596AA4 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 #596AA4 looks like.

```
.text, #text, p{  
    color:#596AA4  
}
```

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 #596AA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #596AA4
}
```

Border

The CSS property to change the border of an element to Hex 596AA4 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
#596AA4 }
```

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

```
.border{ border-color:#596AA4 }
```

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

Here you see how a box with a 4 pixel #596AA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #596AA4; -webkit-box-shadow:4px 4px  
4px 4px #596AA4; box-shadow:4px 4px 4px  
4px #596AA4 }
```

Background

The CSS property to change the background color of an element to Hex 596AA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#596AA4 }
```

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

```
.background{ background-color:#596AA4 }
```

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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