

Converting Colors

Hex(5976B2)

Have a look what the booklet for
Hex(5976B2) contains.

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Color

Hex(5976B2)

Conversions

Conversions Part 1

Format	Color
Hex	5976B2
RGB	89, 118, 178
RGB Percent	35%, 46%, 70%
CMY	0.6510, 0.5373, 0.3020
CMYK	0.50, 0.34, 0.00, 0.30
HSL	220°, 37%, 52%
HSV	220°, 50%, 70%
XYZ	18.6341, 18.2951, 44.6687
YIQ	116.1690, -36.5440, 12.5120

Conversions

Conversions Part 2

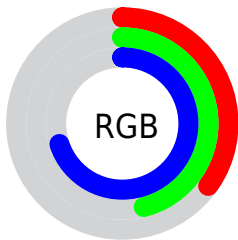
Format	Color
R _Y B	89, 111, 178
Decimal	5863090
CIE Lab	49.85, 6.62, -35.07
CIE LCh	50, 35.690, 280.689
Yxy	18.2951, 0.2284, 0.2242
Android (android.graphics.Color)	4284053170 (0xFF5976B2)
YUV	116.1690, 30.4827, -23.8272
Hunter-Lab	42.7727, 2.9121, -31.9771

Details

The Hex color **5976B2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B29559**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **90AAEA**, and **20467D** is the 20% darker color. If you saturate the color by 10%, you get **476AB2**, and if you desaturate by 10%, it is **6B82B2**.

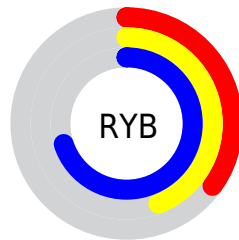
Distribution



Red (35%)

Green (46%)

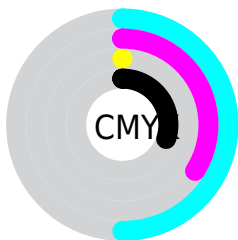
Blue (70%)



Red (35%)

Yellow (44%)

Blue (70%)

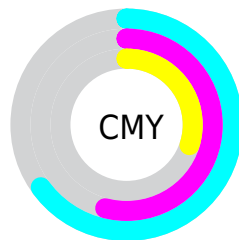


Cyan (50%)

Magenta (34%)

Yellow (0%)

Black (30%)



Cyan (65%)

Magenta (54%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5976B2 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 5976B2 by changing the saturation by 10% instead.

■ 5976B2

■ 5976B2

FFFFFF

■ 3E5D97

■ 90AAEA

■ 20467D

■ ABC5FF

■ 003064

■ C8E1FF

■ 001C4B

■ E5FEFF

■ 000035

■ 00021E

■ 000001

■ 000000

■ 5976B2

■ 5976B2

476AB2

6B82B2

355EB2

7D8EB2

2452B2

8E9AB2

1246B2

A0A6B2

003AB2

B2B2B2

C4BEB2

D6CAB2

E7D6B2

F9E2B2

Harmonies

Analogous

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



007FAF



5976B2



876AA5

Triad

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



5976B2



AB6350



338561

Complementary

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



5976B2



B29559

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.



5E8047



5976B2



9A6E3D

Square

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



5976B2



B05E6D



7F7839



008681

Rectangle

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



5976B2



9D6395



7F7839



438458

Sweetspot

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



5976B2



C5D1E8



59B294



606775



F5F5F5



757575

Same Dimension

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



5976B2



5D8AE8



6859B2



505359



003299



00081A

Inverse Universe

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



B25976



E85D8A



A3B259



595053



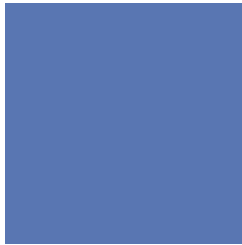
990032



1A0008

Previews

White Background



This preview shows how the Hex color 5976B2 looks on a white background.

Color Contrast Check

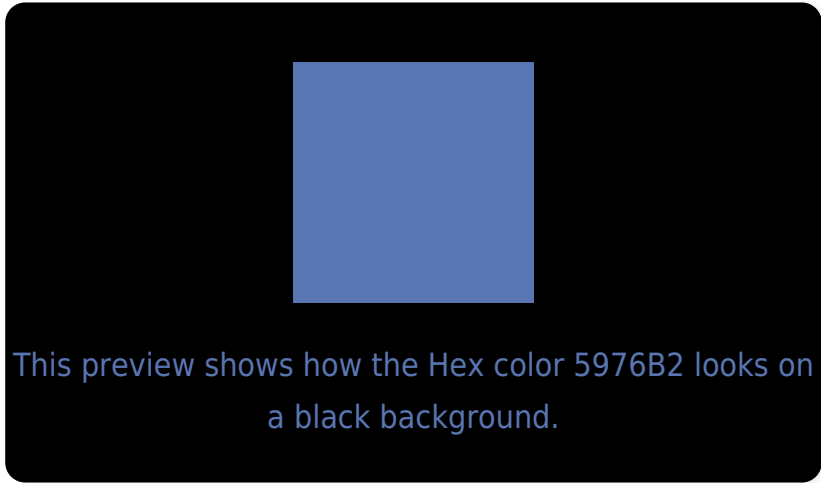
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

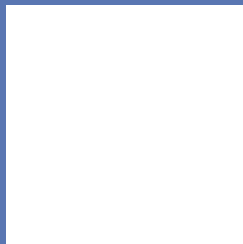
Any Text WCAG AAA × Fail

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

Hex 5976B2 Background



This preview shows how black text looks on a background with the Hex color 5976B2.

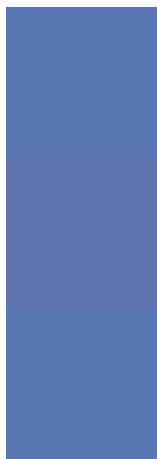


This preview shows how white text looks on a background with the Hex color 5976B2.

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
5976B2

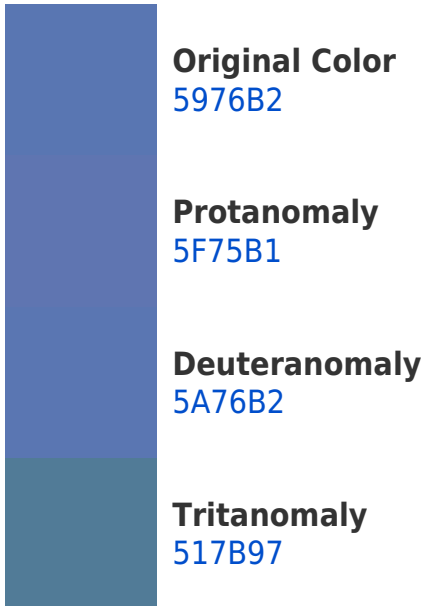
Protanopia
6274B0

Deuteranopia
5A76B2

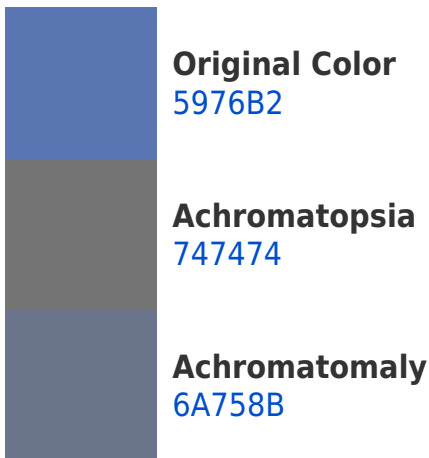


Tritanopia
4C7E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5976B2 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 #5976B2 looks like.

```
.text, #text, p{  
    color:#5976B2  
}
```

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 #5976B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5976B2
}
```

Border

The CSS property to change the border of an element to Hex 5976B2 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
#5976B2 }
```

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

```
.border{ border-color:#5976B2 }
```

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

Here you see how a box with a 4 pixel #5976B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5976B2; -webkit-box-shadow:4px 4px  
4px 4px #5976B2; box-shadow:4px 4px 4px  
4px #5976B2 }
```

Background

The CSS property to change the background color of an element to Hex 5976B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5976B2 }
```

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

```
.background{ background-color:#5976B2 }
```

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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