

Converting Colors

Hex(5974A1)

Have a look what the booklet for
Hex(5974A1) contains.

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Color

Hex(5974A1)

Conversions

Conversions Part 1

Format	Color
Hex	5974A1
RGB	89, 116, 161
RGB Percent	35%, 45%, 63%
CMY	0.6510, 0.5451, 0.3686
CMYK	0.45, 0.28, 0.00, 0.37
HSL	218°, 29%, 49%
HSV	218°, 45%, 63%
XYZ	16.7982, 17.1878, 36.1504
YIQ	113.0570, -30.5370, 8.2710

Conversions

Conversions Part 2

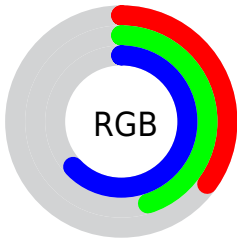
Format	Color
R_{YB}	89, 109, 161
Decimal	5862561
CIE _{Lab}	48.50, 2.59, -27.29
CIE _{LCh}	48, 27.412, 275.431
Yxy	17.1878, 0.2395, 0.2451
Android (android.graphics.Color)	4284052641 (0xFF5974A1)
YUV	113.0570, 23.6359, -21.0980
Hunter-Lab	41.4582, -0.2264, -22.6785

Details

The Hex color **5974A1** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A18659**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **8EA8D8**, and **24446D** is the 20% darker color. If you saturate the color by 10%, you get **496AA1**, and if you desaturate by 10%, it is **697EA1**.

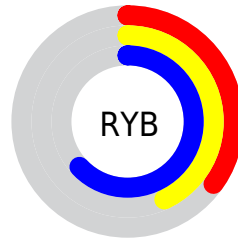
Distribution



Red (35%)

Green (45%)

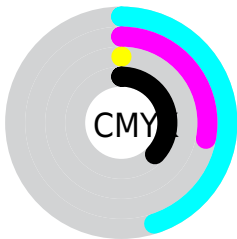
Blue (63%)



Red (35%)

Yellow (43%)

Blue (63%)

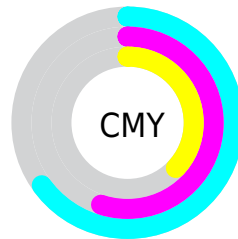


Cyan (45%)

Magenta (28%)

Yellow (0%)

Black (37%)



Cyan (65%)

Magenta (55%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5974A1 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 5974A1 by changing the saturation by 10% instead.

■ 5974A1

■ 5974A1

FFFFFF

■ 3F5C87

■ 8EA8D8

■ 24446D

■ A9C3F5

■ 022E55

■ C5DFFF

■ 001A3D

■ E2FBFF

■ 000327

■ 000111

■ 000000

■ 5974A1

■ 5974A1

■ 496AA1

■ 697EA1

■ 3960A1

■ 7988A1

■ 2956A1

■ 8992A1

■ 194CA1

■ 999CA1

■ 0942A1

■ AAA6A1

■ 003CA1

■ BAB0A1

■ CABAA1

■ DAC5A1

■ EACFA1

Harmonies

Analogous

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



327B9D



5974A1



7B6C99

Triad

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



5974A1



9F6459



4A7E5F

Complementary

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



5974A1



A18659

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.



667A4D



5974A1



926B4A

Square

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



5974A1



A06170



7E7345



2B8077

Rectangle

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



5974A1



8D668E



7E7345



537D58

Sweetspot

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



5974A1



B6C0D1



59A185



585E69



E8E8E8



696969

Same Dimension

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



5974A1



608BD1



6159A1



494D52



003791



000712

Inverse Universe

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



A15974



D1608B



99A159



52494D



910037



120007

Previews

White Background



This preview shows how the Hex color 5974A1 looks on a white background.

Color Contrast Check

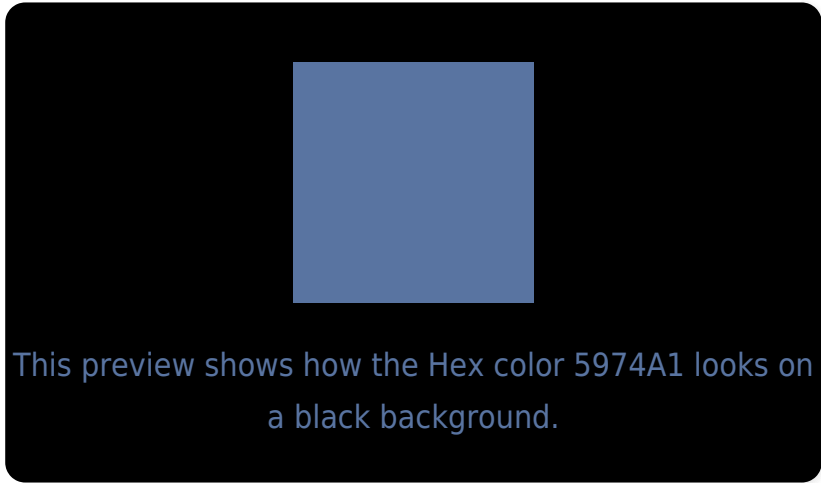
Large Text (above 18pt) WCAG AA ✓ Pass

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

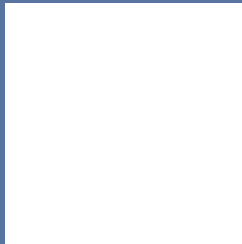
Any Text WCAG AAA × Fail

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

Hex 5974A1 Background



This preview shows how black text looks on a background with the Hex color 5974A1.

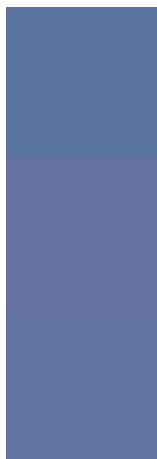


This preview shows how white text looks on a background with the Hex color 5974A1.

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
5974A1

Protanopia
65719F

Deuteranopia
6272A2



Tritanopia
517A83

Trichromacy



Original Color
5974A1

Protanomaly
6172A0

Deuteranomaly
5F73A2

Tritanomaly
54788E

Monochromacy



Original Color
5974A1

Achromatopsia
717171

Achromatomaly
687282

CSS Examples

Text

The CSS property to change the color of the text to Hex 5974A1 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 #5974A1 looks like.

```
.text, #text, p{  
    color:#5974A1  
}
```

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 #5974A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5974A1
}
```

Border

The CSS property to change the border of an element to Hex 5974A1 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
#5974A1 }
```

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

```
.border{ border-color:#5974A1 }
```

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

Here you see how a box with a 4 pixel #5974A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5974A1; -webkit-box-shadow:4px 4px  
4px 4px #5974A1; box-shadow:4px 4px 4px  
4px #5974A1 }
```

Background

The CSS property to change the background color of an element to Hex 5974A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5974A1 }
```

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

```
.background{ background-color:#5974A1 }
```

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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