

Converting Colors

Hex(5964A2)

Have a look what the booklet for
Hex(5964A2) contains.

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Color

Hex(5964A2)

Conversions

Conversions Part 1

Format	Color
Hex	5964A2
RGB	89, 100, 162
RGB Percent	35%, 39%, 64%
CMY	0.6510, 0.6078, 0.3647
CMYK	0.45, 0.38, 0.00, 0.36
HSL	231°, 29%, 49%
HSV	231°, 45%, 64%
XYZ	15.1986, 13.8468, 36.0541
YIQ	103.7790, -26.4580, 16.9500

Conversions

Conversions Part 2

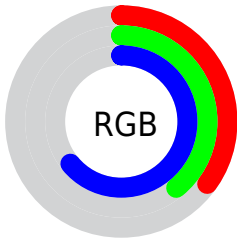
Format	Color
R_{YB}	89, 99, 162
Decimal	5858466
CIE _{Lab}	44.01, 12.71, -34.90
CIE _{LCh}	44, 37.140, 290.019
Yxy	13.8468, 0.2335, 0.2127
Android (android.graphics.Color)	4284048546 (0xFF5964A2)
YUV	103.7790, 28.7030, -12.9612
Hunter-Lab	37.2113, 7.7867, -31.3982

Details

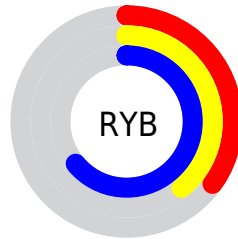
The Hex color **5964A2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A29759**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **8E97D9**, and **24366E** is the 20% darker color. If you saturate the color by 10%, you get **4956A2**, and if you desaturate by 10%, it is **6972A2**.

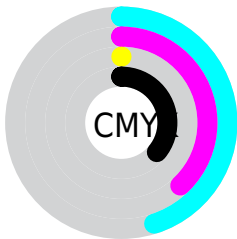
Distribution



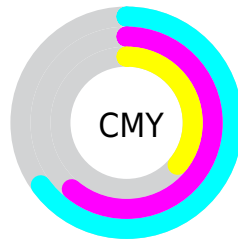
- Red (35%)
- Green (39%)
- Blue (64%)



- Red (35%)
- Yellow (39%)
- Blue (64%)



- Cyan (45%)
- Magenta (38%)
- Yellow (0%)
- Black (36%)



- Cyan (65%)
- Magenta (61%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5964A2 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 5964A2 by changing the saturation by 10% instead.

■ 5964A2

■ 5964A2

FFFFFF

■ 3F4C88

■ 8E97D9

■ 24366E

■ AAB1F6

■ 002155

■ C6CDFF

■ 000A3E

■ E3E9FF

■ 000327

■ 000111

■ 000000

■ 5964A2

■ 5964A2

■ 4956A2

■ 6972A2

■ 3948A2

■ 7980A2

■ 283BA2

■ 8A8DA2

■ 182DA2

■ 9A9BA2

■ 081FA2

■ AAA9A2

■ 0018A2

■ BAB7A2

■ CAC4A2

■ DBD2A2

■ EBE0A2

Harmonies

Analogous

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



006EA4



5964A2



845890

Triad

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



5964A2



98573A



00775C

Complementary

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



5964A2



A29759

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.



41733F



5964A2



83632A

Square

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



5964A2



A24F55



666D2B



00777C

Rectangle

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



5964A2



96517E



666D2B



1D7652

Sweetspot

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



5964A2



B6BAD4



59A296



595C6B



EBEBEB



6B6B6B

Same Dimension

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



5964A2



6173D4



7159A2



494B52



001691



000312

Inverse Universe

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



A25964



D46173



8AA259



52494B



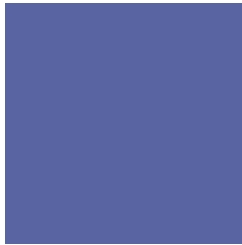
910016



120003

Previews

White Background



This preview shows how the Hex color 5964A2 looks on a white background.

Color Contrast Check

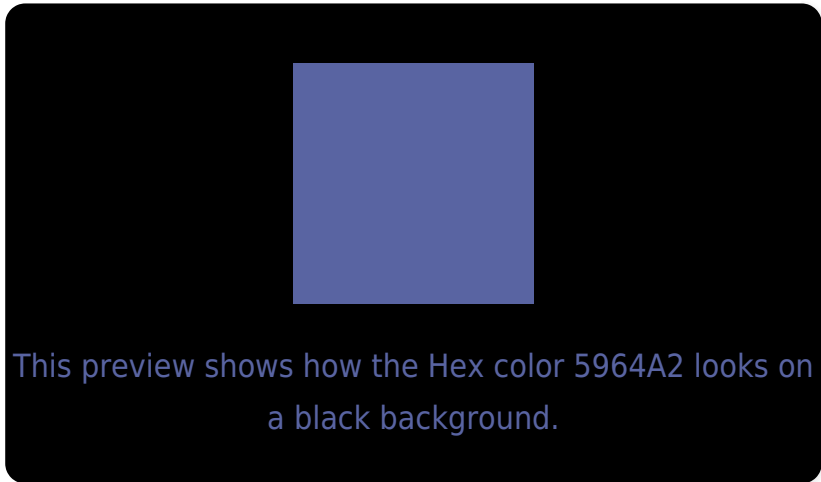
Large Text (above 18pt) WCAG AA ✓ Pass

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

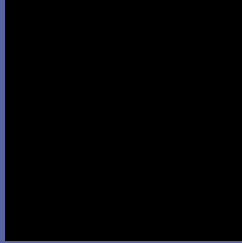
Any Text WCAG AA × Fail

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 5964A2 Background



This preview shows how black text looks on a background with the Hex color 5964A2.

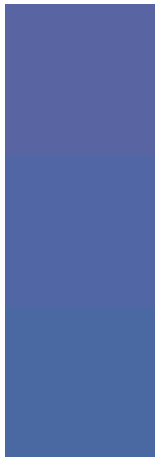


This preview shows how white text looks on a background with the Hex color 5964A2.

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
5964A2

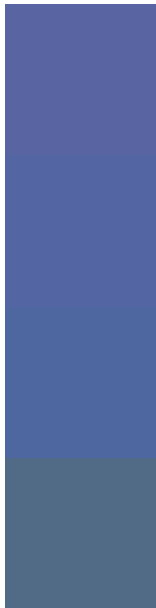
Protanopia
5166A4

Deuteranopia
4A68A1



Tritanopia
4D6D76

Trichromacy



Original Color
5964A2

Protanomaly
5465A3

Deuteranomaly
4F67A1

Tritanomaly
516A86

Monochromacy



Original Color
5964A2

Achromatopsia
686868

Achromatomaly
63677D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5964A2 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 #5964A2 looks like.

```
.text, #text, p{  
    color:#5964A2  
}
```

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 #5964A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5964A2
}
```

Border

The CSS property to change the border of an element to Hex 5964A2 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
#5964A2 }
```

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

```
.border{ border-color:#5964A2 }
```

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

Here you see how a box with a 4 pixel #5964A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5964A2; -webkit-box-shadow:4px 4px  
4px 4px #5964A2; box-shadow:4px 4px 4px  
4px #5964A2 }
```

Background

The CSS property to change the background color of an element to Hex 5964A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5964A2 }
```

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

```
.background{ background-color:#5964A2 }
```

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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