

Converting Colors

Hex(5964A4)

Have a look what the booklet for
Hex(5964A4) contains.

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Color

Hex(5964A4)

Conversions

Conversions Part 1

Format	Color
Hex	5964A4
RGB	89, 100, 164
RGB Percent	35%, 39%, 64%
CMY	0.6510, 0.6078, 0.3569
CMYK	0.46, 0.39, 0.00, 0.36
HSL	231°, 30%, 50%
HSV	231°, 46%, 64%
XYZ	15.3778, 13.9185, 36.9980
YIQ	104.0070, -27.1000, 17.5720

Conversions

Conversions Part 2

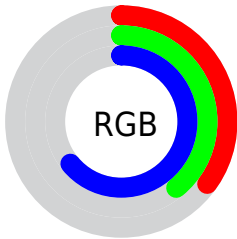
Format	Color
RYB	89, 99, 164
Decimal	5858468
CIELab	44.12, 13.33, -35.91
CIElCh	44, 38.309, 290.365
Yxy	13.9185, 0.2320, 0.2100
Android (android.graphics.Color)	4284048548 (0xFF5964A4)
YUV	104.0070, 29.5765, -13.1611
Hunter-Lab	37.3075, 8.2879, -32.6828

Details

The Hex color **5964A4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A49959**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **8F97DB**, and **233670** is the 20% darker color. If you saturate the color by 10%, you get **4956A4**, and if you desaturate by 10%, it is **6972A4**.

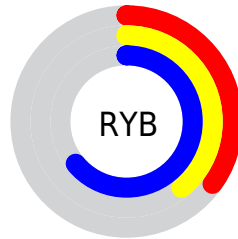
Distribution



Red (35%)

Green (39%)

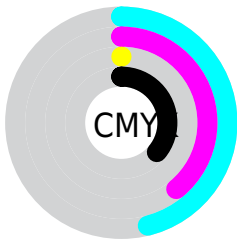
Blue (64%)



Red (35%)

Yellow (39%)

Blue (64%)

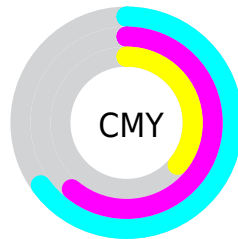


Cyan (46%)

Magenta (39%)

Yellow (0%)

Black (36%)



Cyan (65%)

Magenta (61%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5964A4 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 5964A4 by changing the saturation by 10% instead.

■ 5964A4

■ 5964A4

FFFFFF

■ 3F4C89

■ 8F97DB

■ 233670

■ AAB1F8

■ 002157

■ C6CDFF

■ 000A3F

■ E3E9FF

■ 000329

■ 000113

■ 000000

■ 5964A4

■ 5964A4

■ 4956A4

■ 6972A4

■ 3848A4

■ 7A80A4

■ 283AA4

■ 8A8EA4

■ 172CA4

■ 9B9CA4

■ 071EA4

■ ABAAA4

■ 0018A4

■ BBB8A4

■ CCC6A4

■ DCD4A4

■ EDE2A4

Harmonies

Analogous

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



006FA7



5964A4



855791

Triad

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



5964A4



995738



00785D

Complementary

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



5964A4



A49959

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.



40743E



5964A4



836327

Square

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



5964A4



A44E54



656D29



00787D

Rectangle

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



5964A4



98507E



656D29



177752

Sweetspot

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



5964A4



B8BDD6



59A499



595C6B



EBEBEB



6B6B6B

Same Dimension

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



5964A4



6072D6



7359A4



494B52



001591



000312

Inverse Universe

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



A45964



D66072



8AA459



52494B



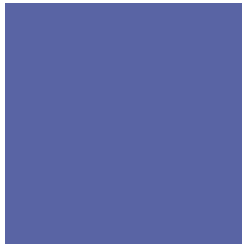
910015



120003

Previews

White Background



This preview shows how the Hex color 5964A4 looks on a white background.

Color Contrast Check

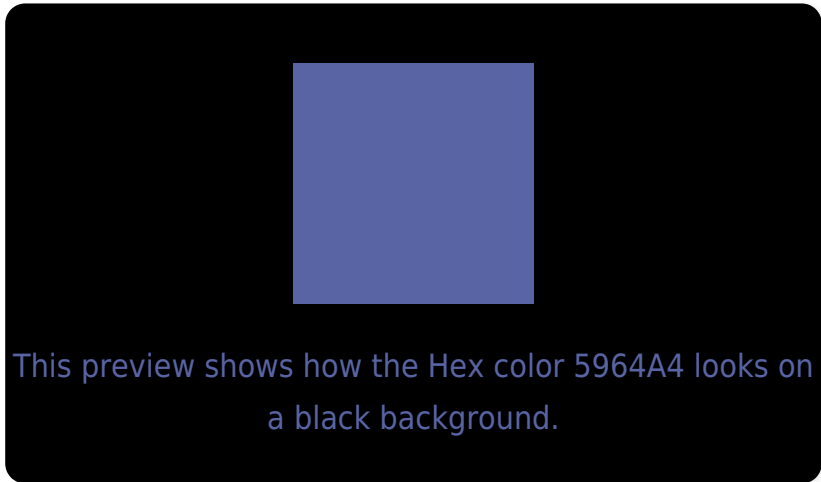
Large Text (above 18pt) WCAG AA ✓ Pass

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

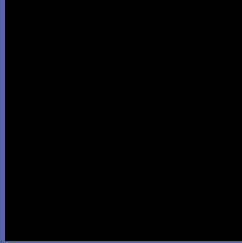
Any Text WCAG AA × Fail

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 5964A4 Background



This preview shows how black text looks on a background with the Hex color 5964A4.

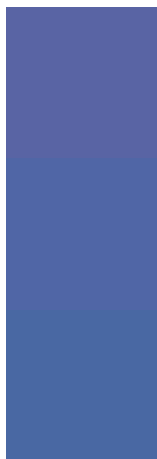


This preview shows how white text looks on a background with the Hex color 5964A4.

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
5964A4

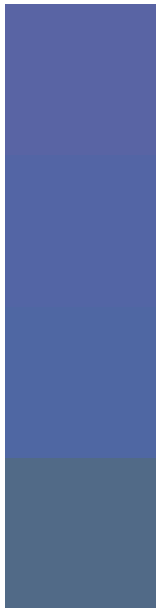
Protanopia
5066A6

Deuteranopia
4968A3



Tritanopia
4C6E76

Trichromacy



Original Color

5964A4

Protanomaly

5365A5

Deuteranomaly

4F67A3

Tritanomaly

516A87

Monochromacy



Original Color

5964A4

Achromatopsia

686868

Achromatomaly

63677E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5964A4 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 #5964A4 looks like.

```
.text, #text, p{  
    color:#5964A4  
}
```

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 #5964A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5964A4
}
```

Border

The CSS property to change the border of an element to Hex 5964A4 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
#5964A4 }
```

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

```
.border{ border-color:#5964A4 }
```

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

Here you see how a box with a 4 pixel #5964A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5964A4; -webkit-box-shadow:4px 4px  
4px 4px #5964A4; box-shadow:4px 4px 4px  
4px #5964A4 }
```

Background

The CSS property to change the background color of an element to Hex 5964A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5964A4 }
```

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

```
.background{ background-color:#5964A4 }
```

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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