

Converting Colors

Hex(5A64A4)

Have a look what the booklet for
Hex(5A64A4) contains.

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Color

Hex(5A64A4)

Conversions

Conversions Part 1

Format	Color
Hex	5A64A4
RGB	90, 100, 164
RGB Percent	35%, 39%, 64%
CMY	0.6471, 0.6078, 0.3569
CMYK	0.45, 0.39, 0.00, 0.36
HSL	232°, 29%, 50%
HSV	232°, 45%, 64%
XYZ	15.4745, 13.9683, 37.0025
YIQ	104.3060, -26.5040, 17.7840

Conversions

Conversions Part 2

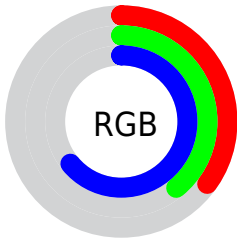
Format	Color
RYB	90, 99, 164
Decimal	5924004
CIELab	44.19, 13.59, -35.80
CIElCh	44, 38.290, 290.792
Yxy	13.9683, 0.2329, 0.2102
Android (android.graphics.Color)	4284114084 (0xFF5A64A4)
YUV	104.3060, 29.4291, -12.5464
Hunter-Lab	37.3742, 8.5014, -32.5383

Details

The Hex color **5A64A4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A49A5A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **8F97DB**, and **243670** is the 20% darker color. If you saturate the color by 10%, you get **4A56A4**, and if you desaturate by 10%, it is **6A72A4**.

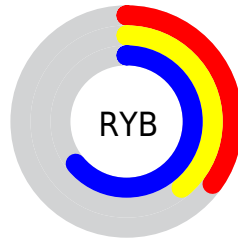
Distribution



Red (35%)

Green (39%)

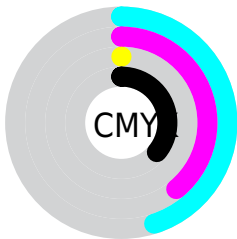
Blue (64%)



Red (35%)

Yellow (39%)

Blue (64%)

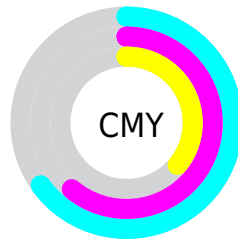


Cyan (45%)

Magenta (39%)

Yellow (0%)

Black (36%)



Cyan (65%)

Magenta (61%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A64A4 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 5A64A4 by changing the saturation by 10% instead.

■ 5A64A4

■ 5A64A4

FFFFFF

■ 404C89

■ 8F97DB

■ 243670

■ ABB1F8

■ 002157

■ C7CDFF

■ 000B3F

■ E4E9FF

■ 000329

■ 000113

■ 000000

■ 5A64A4

■ 5A64A4

■ 4A56A4

■ 6A72A4

■ 3948A4

■ 7B80A4

■ 2939A4

■ 8B8FA4

■ 182BA4

■ 9C9DA4

■ 081DA4

■ ACABA4

■ 0016A4

■ BCB9A4

■ CDC7A4

■ DDD5A4

■ EEE4A4

Harmonies

Analogous

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



006FA7



5A64A4



865791

Triad

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



5A64A4



995738



00785D

Complementary

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



5A64A4



A49A5A

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.



3F743F



5A64A4



836327

Square

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



5A64A4



A44E54



656D2A



00787E

Rectangle

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



5A64A4



98507E



656D2A



167752

Sweetspot

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



5A64A4



B8BCD6



5AA499



595B6B



EBEBEB



6B6B6B

Same Dimension

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



5A64A4



6372D6



745AA4



494B52



001491



000212

Inverse Universe

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



A45A64



D66372



8AA45A



52494B



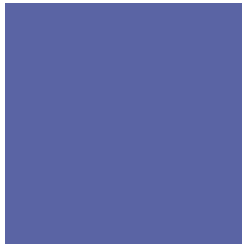
910014



120002

Previews

White Background



This preview shows how the Hex color 5A64A4 looks on a white background.

Color Contrast Check

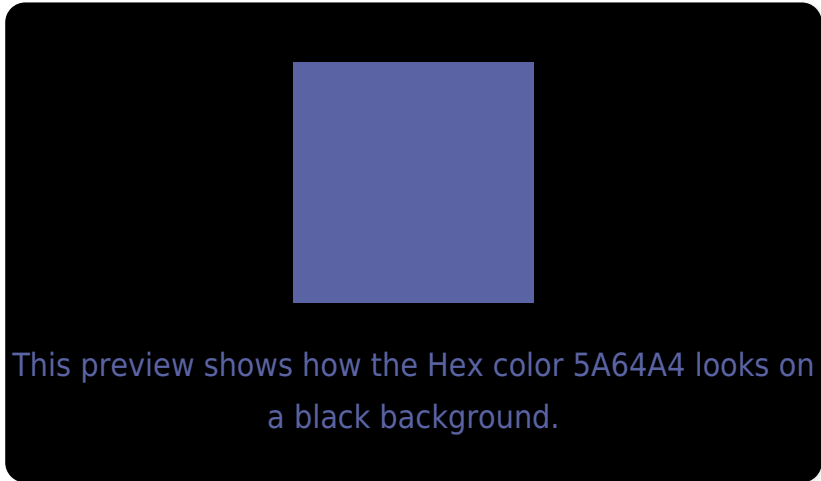
Large Text (above 18pt) WCAG AA ✓ Pass

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

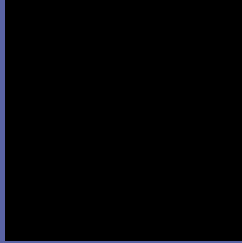
Any Text WCAG AA × Fail

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 5A64A4 Background



This preview shows how black text looks on a background with the Hex color 5A64A4.

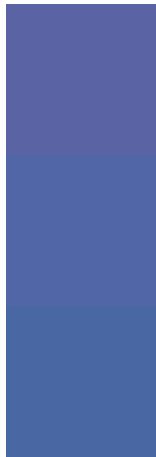


This preview shows how white text looks on a background with the Hex color 5A64A4.

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
5A64A4

Protanopia
5066A6

Deuteranopia
4968A3



Tritanopia
4D6E76

Trichromacy



Original Color
5A64A4

Protanomaly
5465A5

Deuteranomaly
4F67A3

Tritanomaly
526A87

Monochromacy



Original Color
5A64A4

Achromatopsia
686868

Achromatomaly
63677E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A64A4 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 #5A64A4 looks like.

```
.text, #text, p{  
    color:#5A64A4  
}
```

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 #5A64A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A64A4
}
```

Border

The CSS property to change the border of an element to Hex 5A64A4 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
#5A64A4 }
```

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

```
.border{ border-color:#5A64A4 }
```

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

Here you see how a box with a 4 pixel #5A64A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A64A4; -webkit-box-shadow:4px 4px  
4px 4px #5A64A4; box-shadow:4px 4px 4px  
4px #5A64A4 }
```

Background

The CSS property to change the background color of an element to Hex 5A64A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A64A4 }
```

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

```
.background{ background-color:#5A64A4 }
```

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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