

# Converting Colors

Hex(5082A4)

Have a look what the booklet for  
Hex(5082A4) contains.

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# Color

Hex(5082A4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5082A4
RGB	80, 130, 164
RGB Percent	31%, 51%, 64%
CMY	0.6863, 0.4902, 0.3569
CMYK	0.51, 0.21, 0.00, 0.36
HSL	204°, 34%, 48%
HSV	204°, 51%, 64%
XYZ	17.9917, 20.3511, 38.1018
YIQ	118.9260, -40.7140, -0.0260

# Conversions

## Conversions Part 2

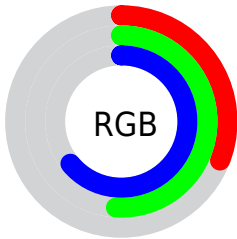
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 111, 164
Decimal	5276324
CIE <sub>Lab</sub>	52.23, -7.01, -23.30
CIE <sub>LCh</sub>	52, 24.329, 253.242
Yxy	20.3511, 0.2354, 0.2662
Android (android.graphics.Color)	4283466404 (0xFF5082A4)
YUV	118.9260, 22.2215, -34.1381
Hunter-Lab	45.1122, -7.7565, -18.4980

# Details

The Hex color **5082A4** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A47250**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **86B7DB**, and **155170** is the 20% darker color. If you saturate the color by 10%, you get **407BA4**, and if you desaturate by 10%, it is **6089A4**.

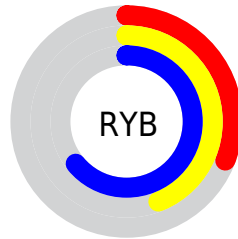
# Distribution



Red (31%)

Green (51%)

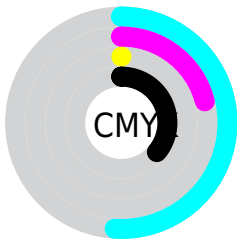
Blue (64%)



Red (31%)

Yellow (44%)

Blue (64%)

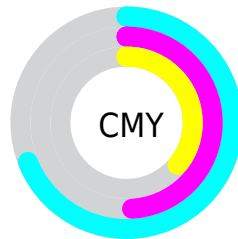


Cyan (51%)

Magenta (21%)

Yellow (0%)

Black (36%)



Cyan (69%)

Magenta (49%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5082A4 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 5082A4 by changing the saturation by 10% instead.



■ 5082A4

■ 5082A4

FFFFFF

■ 35698A

■ 86B7DB

■ 155170

■ A2D2F8

■ 003A58

■ BEEFFF

■ 002440

■ DBFFFF

■ 000F2A

■ F8FFFF

■ 000115

■ 000000

■ 5082A4

■ 5082A4

■ 407BA4

■ 6089A4

■ 2F75A4

■ 718FA4

■ 1F6EA4

■ 8196A4

■ 0E67A4

■ 929DA4

■ 0062A4

■ A2A3A4

■ B2AAA4

■ C3B0A4

■ D3B7A4

■ E4BEA4

# Harmonies

## Analogous

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



3A8698



5082A4



6F7BA5

# Triad

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



5082A4



A66D74



6B845E

# Complementary

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



5082A4



A47250

# 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.



827E54



5082A4



A37161

# Square

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



5082A4



9E6E89



967755



528770

# Rectangle

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



5082A4



82769F



967755



738259



# Sweetspot

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



5082A4



B6C9D6



50A472



58636B



EBEBEB



6B6B6B



# Same Dimension

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



5082A4



54A1D6



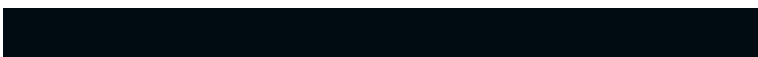
5058A4



494E52



005791



000B12



# Inverse Universe

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



A45082



D654A1



A49C50



52494E



910057



12000B



# Previews

## White Background



This preview shows how the Hex color 5082A4 looks on a white background.

## Color Contrast Check

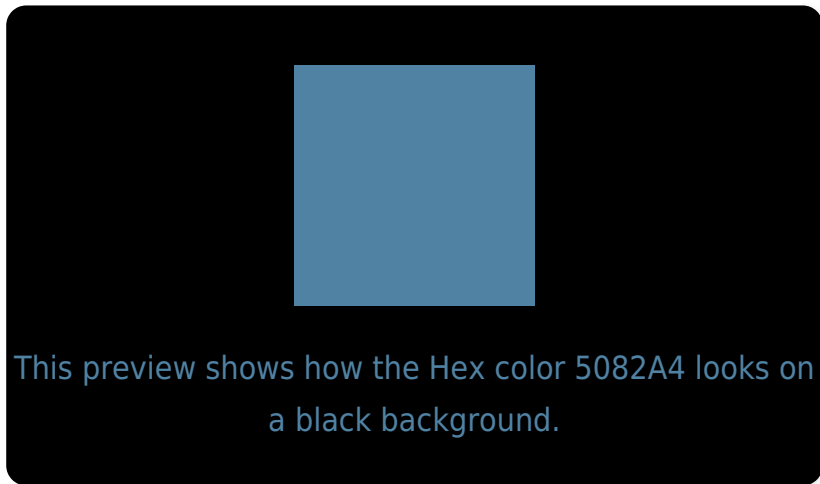
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

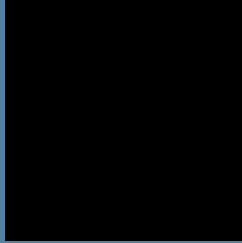
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

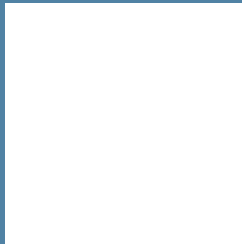
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5082A4 Background



This preview shows how black text looks on a background with the Hex color 5082A4.

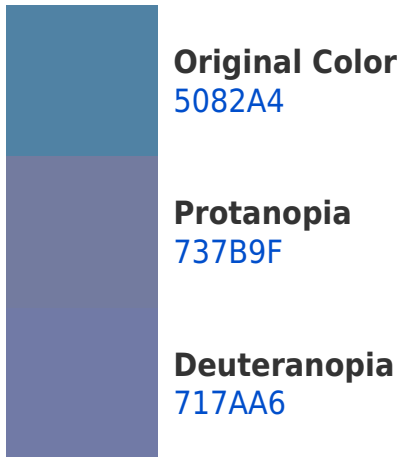


This preview shows how white text looks on a background with the Hex color 5082A4.

# 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](#).

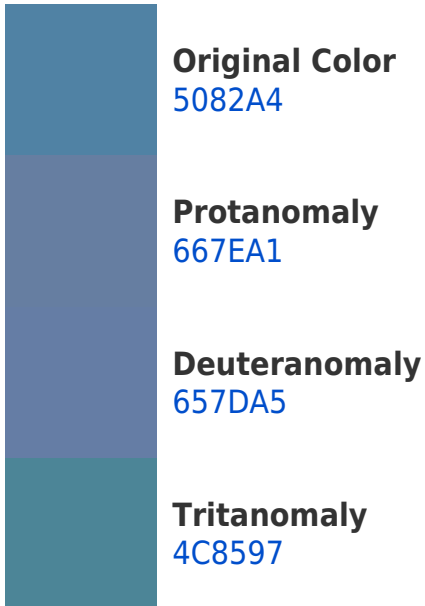
## Dichromacy





**Tritanopia**  
498690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5082A4 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 #5082A4 looks like.

```
.text, #text, p{  
    color:#5082A4  
}
```

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 #5082A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5082A4
}
```

## Border

The CSS property to change the border of an element to Hex 5082A4 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
#5082A4 }
```

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

```
.border{ border-color:#5082A4 }
```

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

Here you see how a box with a 4 pixel #5082A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5082A4; -webkit-box-shadow:4px 4px  
4px 4px #5082A4; box-shadow:4px 4px 4px  
4px #5082A4 }
```

# Background

The CSS property to change the background color of an element to Hex 5082A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5082A4 }
```

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

```
.background{ background-color:#5082A4 }
```

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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