

# Converting Colors

Hex(4253A0)

Have a look what the booklet for  
Hex(4253A0) contains.

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# Color

Hex(4253A0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4253A0
RGB	66, 83, 160
RGB Percent	26%, 33%, 63%
CMY	0.7412, 0.6745, 0.3725
CMYK	0.59, 0.48, 0.00, 0.37
HSL	229°, 42%, 44%
HSV	229°, 59%, 63%
XYZ	11.6852, 9.8828, 34.5494
YIQ	86.6950, -34.8490, 20.3430

# Conversions

## Conversions Part 2

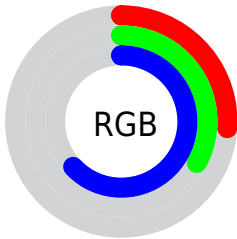
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 80, 160
Decimal	4346784
CIELab	37.63, 17.45, -43.95
CIELCh	38, 47.283, 291.658
Yxy	9.8828, 0.2082, 0.1761
Android (android.graphics.Color)	4282536864 (0xFF4253A0)
YUV	86.6950, 36.1394, -18.1495
Hunter-Lab	31.4370, 11.3341, -43.1542

# Details

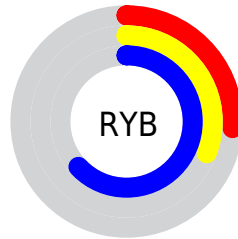
The Hex color **4253A0** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **A08F42**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **7A84D7**, and **00276C** is the 20% darker color. If you saturate the color by 10%, you get **3246A0**, and if you desaturate by 10%, it is **5260A0**.

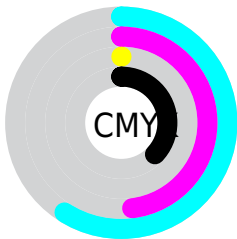
# Distribution



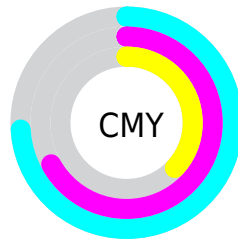
- Red (26%)
- Green (33%)
- Blue (63%)



- Red (26%)
- Yellow (31%)
- Blue (63%)



- Cyan (59%)
- Magenta (48%)
- Yellow (0%)
- Black (37%)



- Cyan (74%)
- Magenta (67%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4253A0 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 4253A0 by changing the saturation by 10% instead.



■ 4253A0

■ 4253A0

FFFFFF

■ 243C85

■ 7A84D7

■ 00276C

■ 959EF4

■ 001453

■ B2B9FF

■ 00003B

■ CED5FF

■ 000225

■ EBF1FF

■ 00010D

■ 000000

■ 4253A0

■ 4253A0

■ 3246A0

■ 5260A0

■ 2239A0

■ 626DA0

■ 122CA0

■ 727AA0

■ 021FA0

■ 8287A0

■ 001DA0

■ 9295A0

■ A2A2A0

■ B2AFA0

■ C2BCA0

■ D2C9A0

# Harmonies

## Analogous

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



0060A4



4253A0



7C4188

# Triad

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



4253A0



8E431C



006A4C

# Complementary

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



4253A0



A08F42

# 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.



1B6626



4253A0



745300

# Square

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



4253A0



9C343F



505F01



006A74

# Rectangle

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



4253A0



913672



505F01



00693F



# Sweetspot

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



4253A0



ABB2D1



42A08F



525669



E8E8E8



696969



# Same Dimension

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



4253A0



3D57D1



6042A0



47494F



001A8F



00030F



# Inverse Universe

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



A04253



D13D57



82A042



4F4749



8F001A

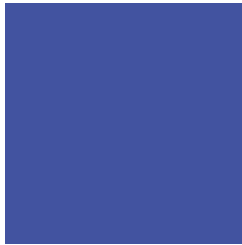


0F0003



# Previews

## White Background



This preview shows how the Hex color 4253A0 looks on a white background.

## Color Contrast Check

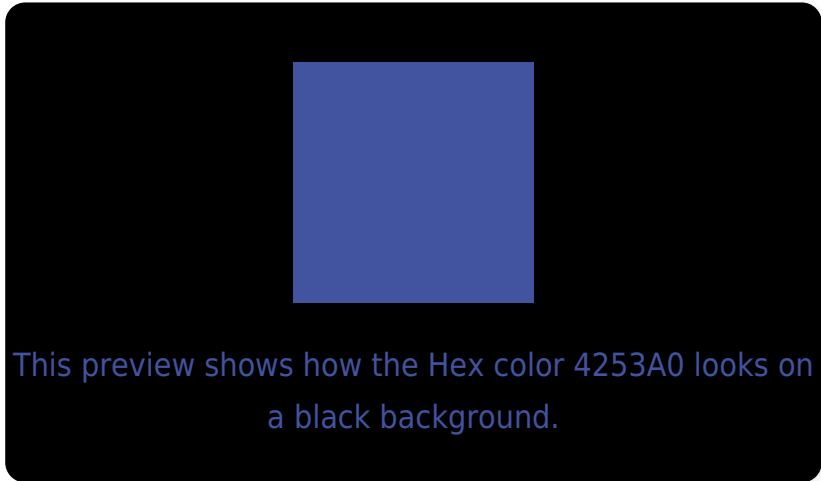
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4253A0 Background



This preview shows how black text looks on a background with the Hex color 4253A0.

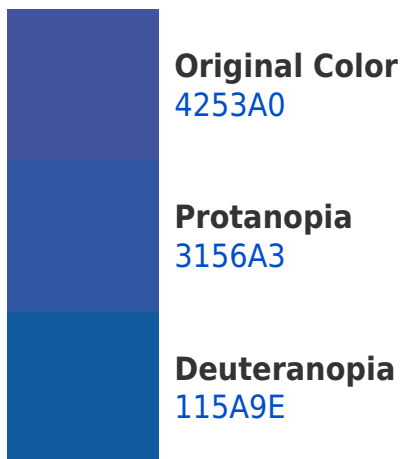



This preview shows how white text looks on a background with the Hex color 4253A0.

# 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](#).

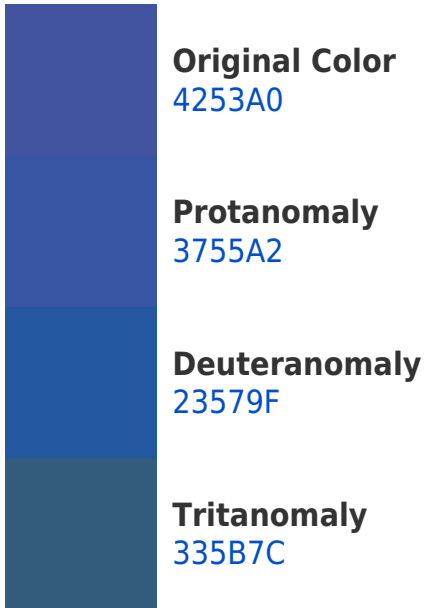
## Dichromacy



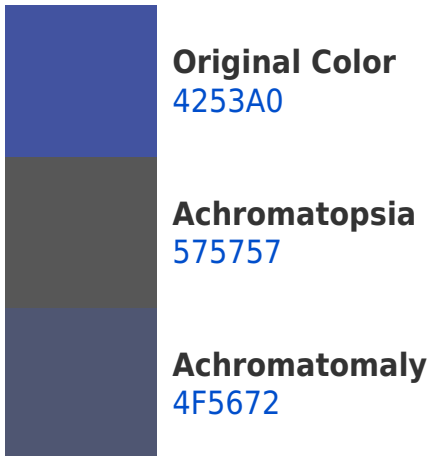


**Tritanopia**  
2A6068

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4253A0 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 #4253A0 looks like.

```
.text, #text, p{  
    color:#4253A0  
}
```

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 #4253A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4253A0  
}
```

## Border

The CSS property to change the border of an element to Hex 4253A0 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  
#4253A0 }
```

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

```
.border{ border-color:#4253A0 }
```

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

Here you see how a box with a 4 pixel #4253A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4253A0; -webkit-box-shadow:4px 4px  
4px 4px #4253A0; box-shadow:4px 4px 4px  
4px #4253A0 }
```

# Background

The CSS property to change the background color of an element to Hex 4253A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4253A0 }
```

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

```
.background{ background-color:#4253A0 }
```

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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