

Converting Colors

Hex(4A65A0)

Have a look what the booklet for
Hex(4A65A0) contains.

Hex(4A65A0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4A65A0)

Conversions

Conversions Part 1

Format	Color
Hex	4A65A0
RGB	74, 101, 160
RGB Percent	29%, 40%, 63%
CMY	0.7098, 0.6039, 0.3725
CMYK	0.54, 0.37, 0.00, 0.37
HSL	221°, 37%, 46%
HSV	221°, 54%, 63%
XYZ	13.8229, 13.3013, 35.0966
YIQ	99.6530, -35.0310, 12.6250

Conversions

Conversions Part 2

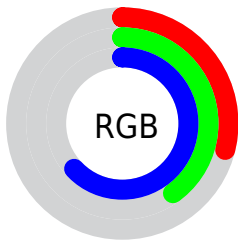
Format	Color
R_{YB}	74, 95, 160
Decimal	4875680
CIE _{Lab}	43.21, 7.71, -35.04
CIE _{LCh}	43, 35.875, 282.408
Yxy	13.3013, 0.2222, 0.2138
Android (android.graphics.Color)	4283065760 (0xFF4A65A0)
YUV	99.6530, 29.7511, -22.4977
Hunter-Lab	36.4709, 3.8294, -31.5261

Details

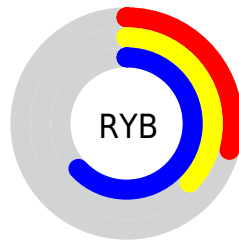
The Hex color **4A65A0** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A0854A**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8098D7**, and **0B376C** is the 20% darker color. If you saturate the color by 10%, you get **3A5AA0**, and if you desaturate by 10%, it is **5A70A0**.

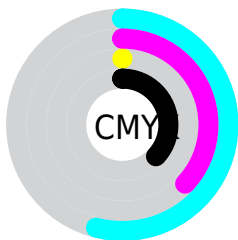
Distribution



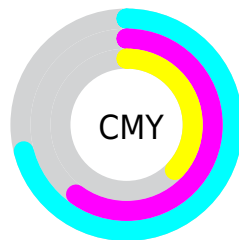
- Red (29%)
- Green (40%)
- Blue (63%)



- Red (29%)
- Yellow (37%)
- Blue (63%)



- Cyan (54%)
- Magenta (37%)
- Yellow (0%)
- Black (37%)



- Cyan (71%)
- Magenta (60%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A65A0 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 4A65A0 by changing the saturation by 10% instead.

■ 4A65A0

■ 4A65A0

FFFFFF

■ 2E4D86

■ 8098D7

■ 0B376C

■ 9CB2F4

■ 002253

■ B8CEFF

■ 000B3C

■ D4EAFB

■ 000226

■ F1FFFF

■ 00010E

■ 000000

■ 4A65A0

■ 4A65A0

■ 3A5AA0

■ 5A70A0

■ 2A4FA0

■ 6A7BA0

■ 1A44A0

■ 7A86A0

■ 0A39A0

■ 8A91A0

■ 0032A0

■ 9A9CA0

■ AAA7A0

■ BAB2A0

■ CABDA0

■ DAC8A0

Harmonies

Analogous

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



006E9E



4A65A0



785992

Triad

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



4A65A0



98533F



1A7453

Complementary

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



4A65A0



A0854A

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.



4B7039



4A65A0



865E2D

Square

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



4A65A0



9E4D5B



6C682A



007572

Rectangle

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



4A65A0



8D5282



6C682A



2F7349

Sweetspot

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



4A65A0



B0BAD1



4AA085



555B69



E8E8E8



696969

Same Dimension

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



4A65A0



4974D1



5A4AA0



474A4F



002D8F



00050F

Inverse Universe

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



A04A65



D14974



90A04A



4F474A



8F002D



0F0005

Previews

White Background



This preview shows how the Hex color 4A65A0 looks on a white background.

Color Contrast Check

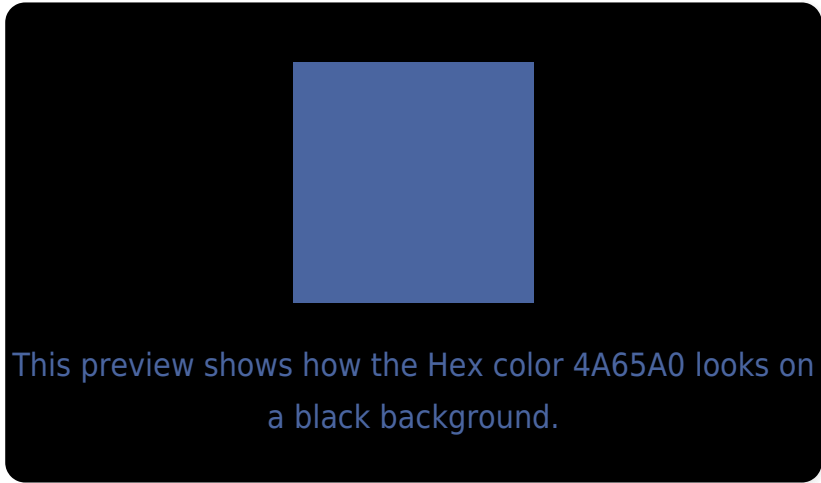
Large Text (above 18pt) WCAG AA ✓ Pass

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

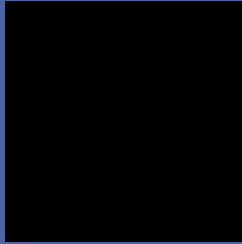
Any Text WCAG AA × Fail

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 4A65A0 Background



This preview shows how black text looks on a background with the Hex color 4A65A0.



This preview shows how white text looks on a background with the Hex color 4A65A0.

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

4A65A0

Protanopia

50649F

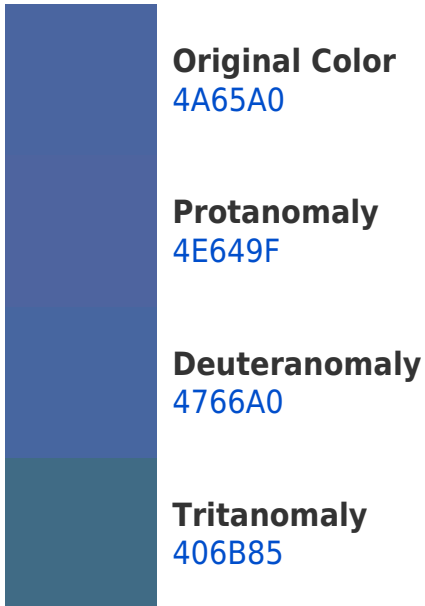
Deuteranopia

4666A0



Tritanopia
3B6E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A65A0 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 #4A65A0 looks like.

```
.text, #text, p{  
    color:#4A65A0  
}
```

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 #4A65A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A65A0
}
```

Border

The CSS property to change the border of an element to Hex 4A65A0 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".

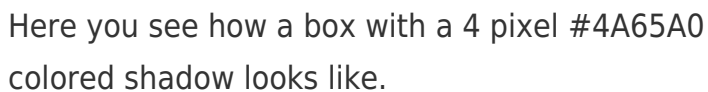
```
.border, #border, table{ border:4px solid
#4A65A0 }
```

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

```
.border{ border-color:#4A65A0 }
```

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

Here you see how a box with a 4 pixel #4A65A0 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A65A0; -webkit-box-shadow:4px 4px  
4px 4px #4A65A0; box-shadow:4px 4px 4px  
4px #4A65A0 }
```

Background

The CSS property to change the background color of an element to Hex 4A65A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A65A0 }
```

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

```
.background{ background-color:#4A65A0 }
```

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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