

Converting Colors

Hex(4A64AA)

Have a look what the booklet for
Hex(4A64AA) contains.

Hex(4A64AA)	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(4A64AA)

Conversions

Conversions Part 1

Format	Color
Hex	4A64AA
RGB	74, 100, 170
RGB Percent	29%, 39%, 67%
CMY	0.7098, 0.6078, 0.3333
CMYK	0.56, 0.41, 0.00, 0.33
HSL	224°, 39%, 48%
HSV	224°, 56%, 67%
XYZ	14.6369, 13.4725, 39.8592
YIQ	100.2060, -37.9660, 16.2580

Conversions

Conversions Part 2

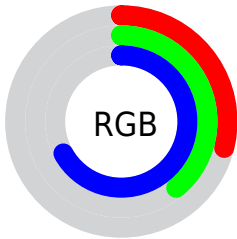
Format	Color
R_{YB}	74, 94, 170
Decimal	4875434
CIE _{Lab}	43.47, 11.68, -40.54
CIE _{LCh}	43, 42.192, 286.073
Yxy	13.4725, 0.2153, 0.1982
Android (android.graphics.Color)	4283065514 (0xFF4A64AA)
YUV	100.2060, 34.4084, -22.9827
Hunter-Lab	36.7049, 6.9475, -38.6919

Details

The Hex color **4A64AA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AA904A**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **8197E2**, and **023675** is the 20% darker color. If you saturate the color by 10%, you get **3958AA**, and if you desaturate by 10%, it is **5B70AA**.

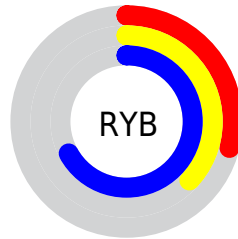
Distribution



Red (29%)

Green (39%)

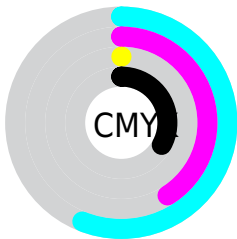
Blue (67%)



Red (29%)

Yellow (37%)

Blue (67%)

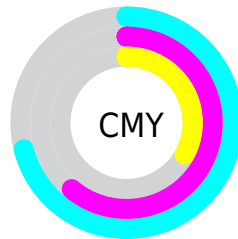


Cyan (56%)

Magenta (41%)

Yellow (0%)

Black (33%)



Cyan (71%)

Magenta (61%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A64AA 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 4A64AA by changing the saturation by 10% instead.

■ 4A64AA

■ 4A64AA

FFFFFF

■ 2D4C8F

■ 8197E2

■ 023675

■ 9DB1FF

■ 00215C

■ BACCFF

■ 000B44

■ D6E9FF

■ 00032D

■ F4FFFF

■ 000118

■ 000000

■ 4A64AA

■ 4A64AA

■ 3958AA

■ 5B70AA

■ 284BAA

■ 6C7DAA

■ 173FAA

■ 7D89AA

■ 0632AA

■ 8E96AA

■ 002EAA

■ 9FA2AA

■ B0AEAA

■ C1BBAA

■ D2C7AA

■ E3D4AA

Harmonies

Analogous

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



006FAA



4A64AA



815698

Triad

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



4A64AA



9E5136



007755

Complementary

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



4A64AA



AA904A

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.



3F7334



4A64AA



875F20

Square

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



4A64AA



A74855



686B1E



007879

Rectangle

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



4A64AA



974D84



686B1E



107649

Sweetspot

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



4A64AA



B8C2DE



4AAA8F



5A6070



F0F0F0



707070

Same Dimension

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



4A64AA



4770DE



5F4AAA



4C4E54



002894



000614

Inverse Universe

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



AA4A64



DE4770



95AA4A



544C4E



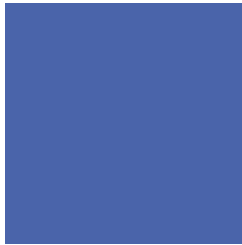
940028



140006

Previews

White Background



This preview shows how the Hex color 4A64AA looks on a white background.

Color Contrast Check

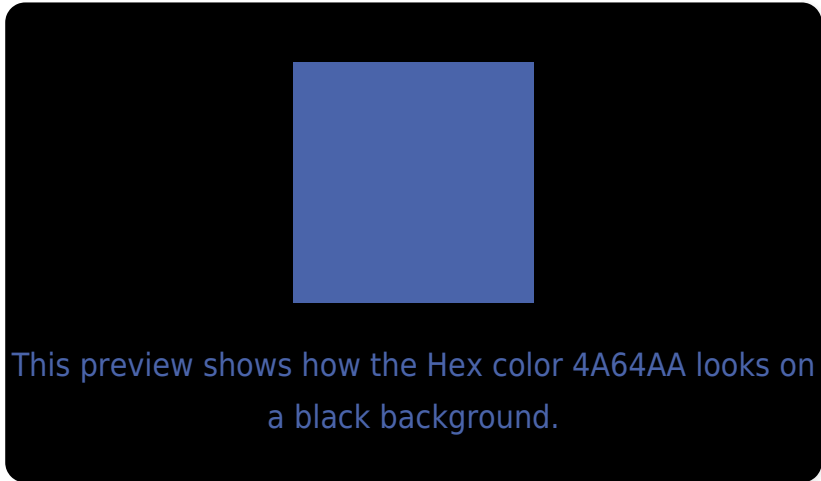
Large Text (above 18pt) WCAG AA ✓ Pass

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 4A64AA Background



This preview shows how black text looks on a background with the Hex color 4A64AA.



This preview shows how white text looks on a background with the Hex color 4A64AA.

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

4A64AA

Protanopia

4A64AA

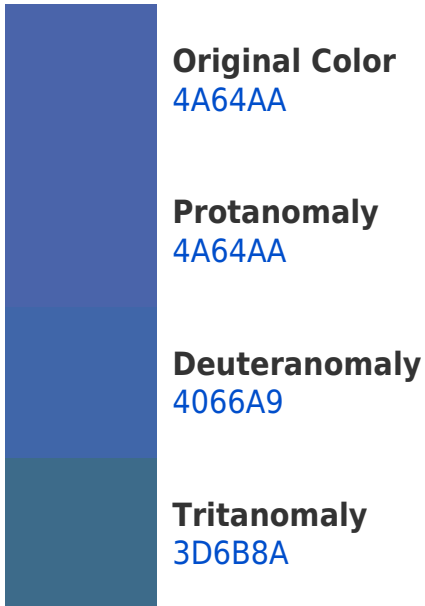
Deuteranopia

3B67A9

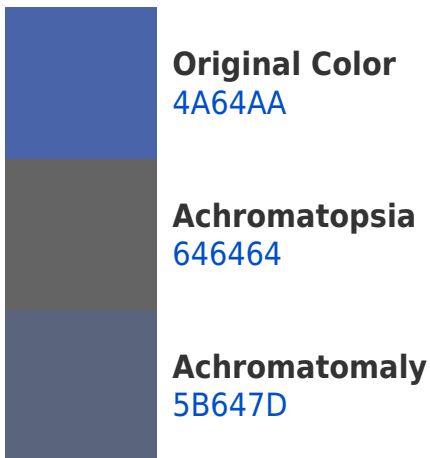


Tritanopia
366F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A64AA 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 #4A64AA looks like.

```
.text, #text, p{  
    color:#4A64AA  
}
```

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 #4A64AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A64AA
}
```

Border

The CSS property to change the border of an element to Hex 4A64AA 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
#4A64AA }
```

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

```
.border{ border-color:#4A64AA }
```

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

Here you see how a box with a 4 pixel #4A64AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A64AA; -webkit-box-shadow:4px 4px  
4px 4px #4A64AA; box-shadow:4px 4px 4px  
4px #4A64AA }
```

Background

The CSS property to change the background color of an element to Hex 4A64AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A64AA }
```

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

```
.background{ background-color:#4A64AA }
```

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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