

Converting Colors

Hex(4A5B85)

Have a look what the booklet for
Hex(4A5B85) contains.

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Color

Hex(4A5B85)

Conversions

Conversions Part 1

Format	Color
Hex	4A5B85
RGB	74, 91, 133
RGB Percent	29%, 36%, 52%
CMY	0.7098, 0.6431, 0.4784
CMYK	0.44, 0.32, 0.00, 0.48
HSL	223°, 29%, 41%
HSV	223°, 44%, 52%
XYZ	10.7988, 10.6315, 23.6732
YIQ	90.7050, -23.6140, 9.4580

Conversions

Conversions Part 2

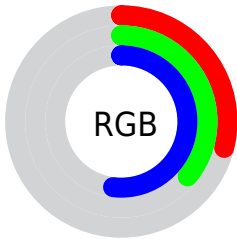
Format	Color
R_{YB}	74, 87, 133
Decimal	4873093
CIE Lab	38.95, 5.30, -25.52
CIE LCh	39, 26.061, 281.738
Yxy	10.6315, 0.2394, 0.2357
Android (android.graphics.Color)	4283063173 (0xFF4A5B85)
YUV	90.7050, 20.8514, -14.6503
Hunter-Lab	32.6059, 2.0570, -20.2228

Details

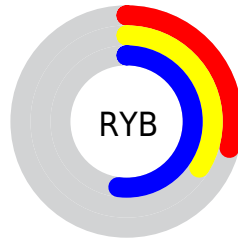
The Hex color **4A5B85** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **85744A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7D8DBA**, and **172E53** is the 20% darker color. If you saturate the color by 10%, you get **3D5285**, and if you desaturate by 10%, it is **576485**.

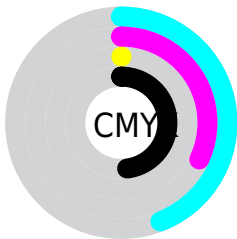
Distribution



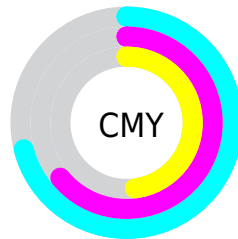
- Red (29%)
- Green (36%)
- Blue (52%)



- Red (29%)
- Yellow (34%)
- Blue (52%)



- Cyan (44%)
- Magenta (32%)
- Yellow (0%)
- Black (48%)



- Cyan (71%)
- Magenta (64%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A5B85 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 4A5B85 by changing the saturation by 10% instead.



4A5B85



4A5B85

FFFFFF



31446C



7D8DBA



172E53



98A7D6



00193C



B3C2F3



000226



CFDEFF



00010F



ECFBFF



000000



4A5B85



4A5B85



3D5285



576485



2F4885



656E85

■ 223F85

■ 727785

■ 153585

■ 7F8185

■ 072C85

■ 8D8A85

■ 002685

■ 9A9485

■ A79D85

■ B4A785

■ C2B085

Harmonies

Analogous

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



216283



4A5B85



69537B

Triad

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



4A5B85



814F41



2E664E

Complementary

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



4A5B85



85744A

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.



4A633B



4A5B85



745634

Square

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



4A5B85



854B54



615D32



046764

Rectangle

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



4A5B85



774E70



615D32



386547

Sweetspot

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



4A5B85



979DAD



4A8573



494D57



D6D6D6



575757

Same Dimension

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



4A5B85



516CAD



564A85



3C3E42



002582



000103

Inverse Universe

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



854A5B



AD516C



79854A



423C3E



820025



030001

Previews

White Background



This preview shows how the Hex color 4A5B85 looks on a white background.

Color Contrast Check

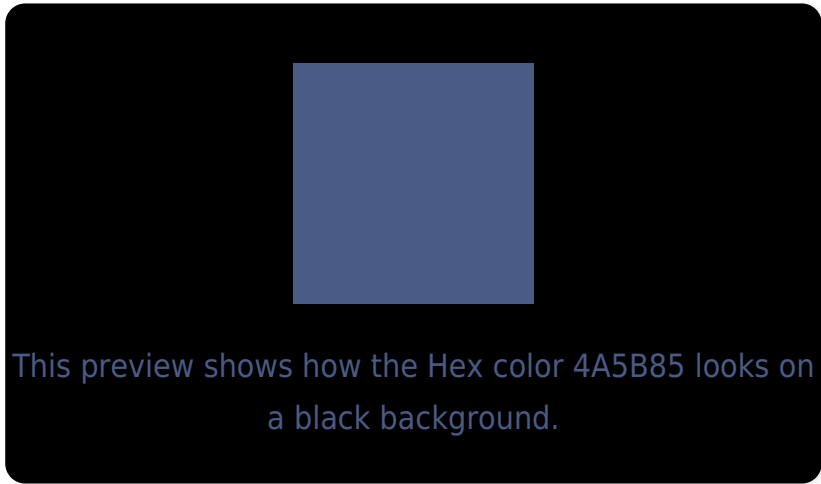
Large Text (above 18pt) WCAG AA ✓ Pass

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

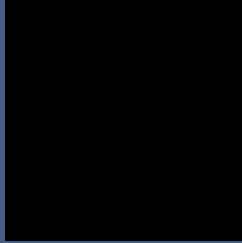
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

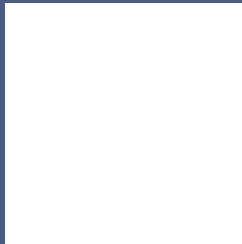
Any Text WCAG AAA × Fail

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

Hex 4A5B85 Background



This preview shows how black text looks on a background with the Hex color 4A5B85.

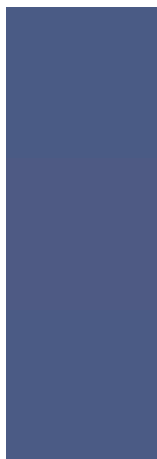


This preview shows how white text looks on a background with the Hex color 4A5B85.

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

4A5B85

Protanopia

4E5A84

Deuteranopia

4B5B85



Tritanopia
426168

Trichromacy



Original Color
4A5B85

Protanomaly
4D5A84

Deuteranomaly
4B5B85

Tritanomaly
455F73

Monochromacy



Original Color
4A5B85

Achromatopsia
5B5B5B

Achromatomaly
555B6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A5B85 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 #4A5B85 looks like.

```
.text, #text, p{  
    color:#4A5B85  
}
```

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 #4A5B85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A5B85
}
```

Border

The CSS property to change the border of an element to Hex 4A5B85 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
#4A5B85 }
```

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

```
.border{ border-color:#4A5B85 }
```

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

Here you see how a box with a 4 pixel #4A5B85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A5B85; -webkit-box-shadow:4px 4px  
4px 4px #4A5B85; box-shadow:4px 4px 4px  
4px #4A5B85 }
```

Background

The CSS property to change the background color of an element to Hex 4A5B85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A5B85 }
```

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

```
.background{ background-color:#4A5B85 }
```

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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