

Converting Colors

Hex(4A5B83)

Have a look what the booklet for
Hex(4A5B83) contains.

Hex(4A5B83)	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(4A5B83)

Conversions

Conversions Part 1

Format	Color
Hex	4A5B83
RGB	74, 91, 131
RGB Percent	29%, 36%, 51%
CMY	0.7098, 0.6431, 0.4863
CMYK	0.44, 0.31, 0.00, 0.49
HSL	222°, 28%, 40%
HSV	222°, 44%, 51%
XYZ	10.6619, 10.5767, 22.9523
YIQ	90.4770, -22.9720, 8.8360

Conversions

Conversions Part 2

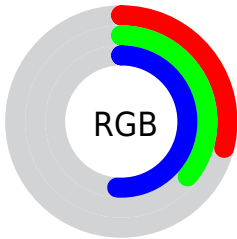
Format	Color
RYB	74, 87, 131
Decimal	4873091
CIELab	38.86, 4.68, -24.45
CIELCh	39, 24.890, 280.842
Yxy	10.5767, 0.2413, 0.2393
Android (android.graphics.Color)	4283063171 (0xFF4A5B83)
YUV	90.4770, 19.9778, -14.4503
Hunter-Lab	32.5219, 1.6056, -19.0786

Details

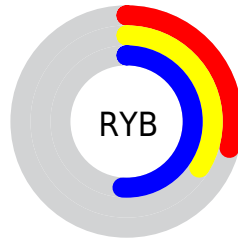
The Hex color **4A5B83** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **83724A**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **7D8DB8**, and **182E51** is the 20% darker color. If you saturate the color by 10%, you get **3D5283**, and if you desaturate by 10%, it is **576483**.

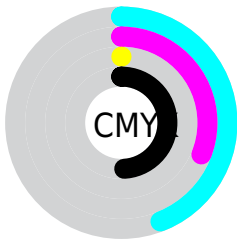
Distribution



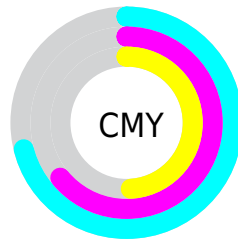
- Red (29%)
- Green (36%)
- Blue (51%)



- Red (29%)
- Yellow (34%)
- Blue (51%)



- Cyan (44%)
- Magenta (31%)
- Yellow (0%)
- Black (49%)



- Cyan (71%)
- Magenta (64%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A5B83 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 4A5B83 by changing the saturation by 10% instead.



4A5B83



4A5B83

FFFFFF



31446A



7D8DB8



182E51



98A7D4



00193A



B3C2F0



000224



CFDEFF



00010D



ECFBFF



000000



4A5B83



4A5B83



3D5283



576483



304983



646D83

■ 233F83

■ 717783

■ 163683

■ 7E8083

■ 092D83

■ 8B8983

■ 002783

■ 999283

■ A69B83

■ B3A583

■ C0AE83

Harmonies

Analogous

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



256181



4A5B83



67547A

Triad

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



4A5B83



804F42



32654E

Complementary

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



4A5B83



83724A

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.



4B623C



4A5B83



745636

Square

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



4A5B83



834C55



615D33



126662

Rectangle

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



4A5B83



754F70



615D33



3B6447

Sweetspot

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



4A5B83



959BAB



4A8372



494D57



D6D6D6



575757

Same Dimension

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



4A5B83



526DAB



554A83



3C3E42



002782



000103

Inverse Universe

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



834A5B



AB526D



78834A



423C3E



820027



030001

Previews

White Background



This preview shows how the Hex color 4A5B83 looks on a white background.

Color Contrast Check

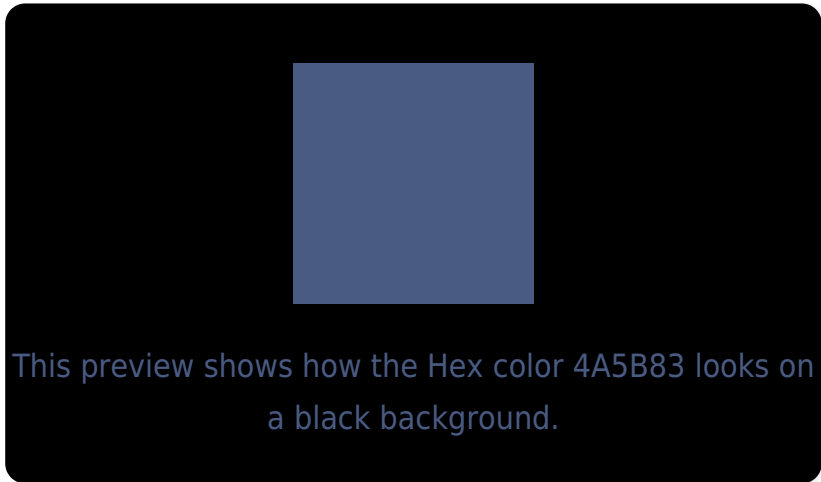
Large Text (above 18pt) WCAG AA ✓ Pass

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

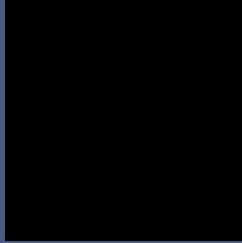
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

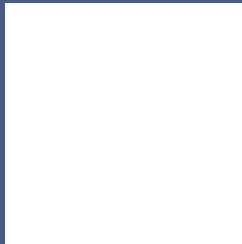
Any Text WCAG AAA × Fail

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

Hex 4A5B83 Background



This preview shows how black text looks on a background with the Hex color 4A5B83.

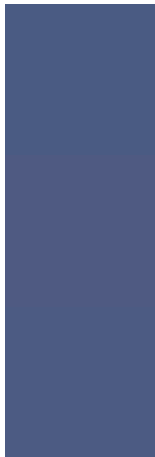


This preview shows how white text looks on a background with the Hex color 4A5B83.

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
4A5B83

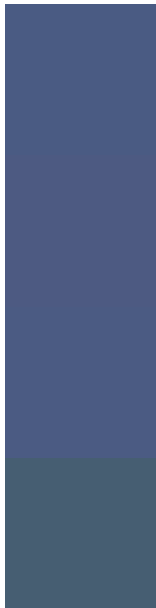
Protanopia
4F5A82

Deuteranopia
4C5B83



Tritanopia
436068

Trichromacy



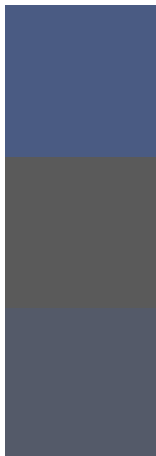
Original Color
4A5B83

Protanomaly
4D5A82

Deuteranomaly
4B5B83

Tritanomaly
465E72

Monochromacy



Original Color
4A5B83

Achromatopsia
5A5A5A

Achromatomaly
545A69

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A5B83 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 #4A5B83 looks like.

```
.text, #text, p{  
    color:#4A5B83  
}
```

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 #4A5B83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A5B83
}
```

Border

The CSS property to change the border of an element to Hex 4A5B83 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
#4A5B83 }
```

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

```
.border{ border-color:#4A5B83 }
```

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

Here you see how a box with a 4 pixel #4A5B83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A5B83; -webkit-box-shadow:4px 4px  
4px 4px #4A5B83; box-shadow:4px 4px 4px  
4px #4A5B83 }
```

Background

The CSS property to change the background color of an element to Hex 4A5B83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A5B83 }
```

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

```
.background{ background-color:#4A5B83 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor