

Converting Colors

Hex(4B5388)

Have a look what the booklet for
Hex(4B5388) contains.

Hex(4B5388)	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(4B5388)

Conversions

Conversions Part 1

Format	Color
Hex	4B5388
RGB	75, 83, 136
RGB Percent	29%, 33%, 53%
CMY	0.7059, 0.6745, 0.4667
CMYK	0.45, 0.39, 0.00, 0.47
HSL	232°, 29%, 41%
HSV	232°, 45%, 53%
XYZ	10.4388, 9.4599, 24.5683
YIQ	86.6500, -21.7810, 14.7870

Conversions

Conversions Part 2

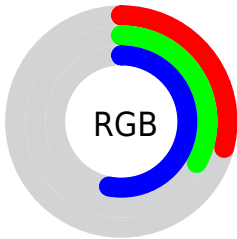
Format	Color
R_{YB}	75, 82, 136
Decimal	4936584
CIE Lab	36.86, 11.62, -30.63
CIE LCh	37, 32.760, 290.779
Yxy	9.4599, 0.2348, 0.2127
Android (android.graphics.Color)	4283126664 (0xFF4B5388)
YUV	86.6500, 24.3295, -10.2171
Hunter-Lab	30.7570, 6.7576, -25.8302

Details

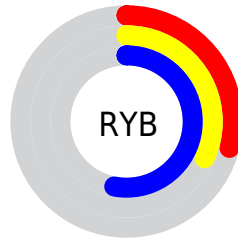
The Hex color **4B5388** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **88804B**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **7F84BE**, and **172756** is the 20% darker color. If you saturate the color by 10%, you get **3D4788**, and if you desaturate by 10%, it is **595F88**.

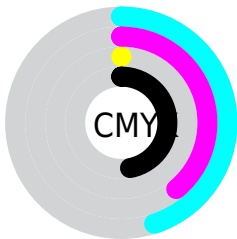
Distribution



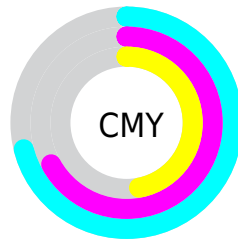
- Red (29%)
- Green (33%)
- Blue (53%)



- Red (29%)
- Yellow (32%)
- Blue (53%)



- Cyan (45%)
- Magenta (39%)
- Yellow (0%)
- Black (47%)



- Cyan (71%)
- Magenta (67%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B5388 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 4B5388 by changing the saturation by 10% instead.

■ 4B5388

■ 4B5388

FFFFFF

■ 323C6E

■ 7F84BE

■ 172756

■ 9A9EDA

■ 00133E

■ B5B9F6

■ 000328

■ D1D5FF

■ 000112

■ EEF1FF

■ 000000

■ 4B5388

■ 4B5388

■ 3D4788

■ 595F88

■ 303B88

■ 666B88

■ 223088

■ 747688

■ 152488

■ 818288

■ 071888

■ 8F8E88

■ 001288

■ 9D9A88

■ AAA688

■ B8B288

■ C5BD88

Harmonies

Analogous

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



005C8A



4B5388



6F4978

Triad

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



4B5388



7F492F



00634D

Complementary

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



4B5388



88804B

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.



356134



4B5388



6D5221

Square

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



4B5388



884145



545B23



006469

Rectangle

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



4B5388



7E4369



545B23



156344

Sweetspot

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



4B5388



999CB0



4B8880



4B4D59



D9D9D9



595959

Same Dimension

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



4B5388



515DB0



614B88



3E3F45



001185



000105

Inverse Universe

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



884B53



B0515D



72884B



453E3F



850011



050001

Previews

White Background



This preview shows how the Hex color 4B5388 looks on a white background.

Color Contrast Check

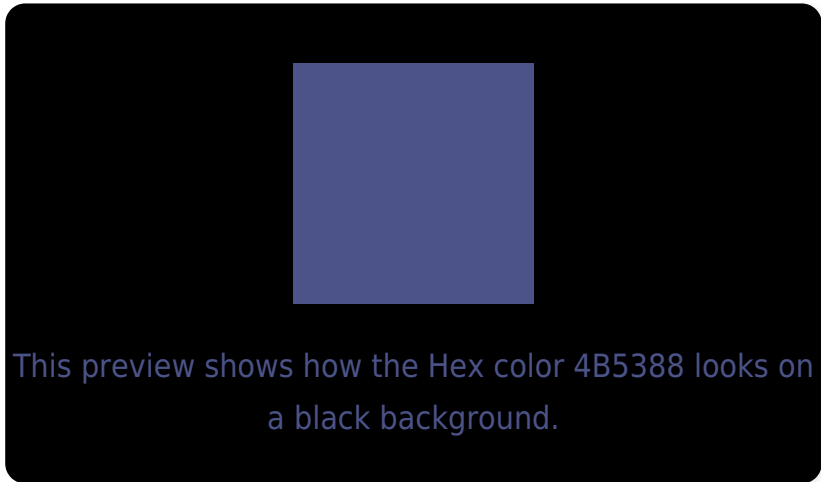
Large Text (above 18pt) WCAG AA ✓ Pass

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

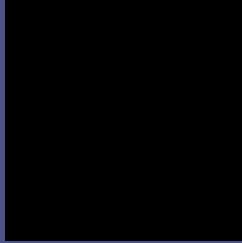
Any Text WCAG AA × Fail

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 4B5388 Background



This preview shows how black text looks on a background with the Hex color 4B5388.



This preview shows how white text looks on a background with the Hex color 4B5388.

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
4B5388

Protanopia
43558A

Deuteranopia
3D5787



Tritanopia
415B62

Trichromacy



Original Color
4B5388

Protanomaly
465489

Deuteranomaly
425687

Tritanomaly
455870

Monochromacy



Original Color
4B5388

Achromatopsia
575757

Achromatomaly
535669

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B5388 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 #4B5388 looks like.

```
.text, #text, p{  
    color:#4B5388  
}
```

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 #4B5388 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5388  
}
```

Border

The CSS property to change the border of an element to Hex 4B5388 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  
#4B5388 }
```

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

```
.border{ border-color:#4B5388 }
```

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

Here you see how a box with a 4 pixel #4B5388 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B5388; -webkit-box-shadow:4px 4px  
4px 4px #4B5388; box-shadow:4px 4px 4px  
4px #4B5388 }
```

Background

The CSS property to change the background color of an element to Hex 4B5388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B5388 }
```

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

```
.background{ background-color:#4B5388 }
```

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