

Converting Colors

Hex(4B5283)

Have a look what the booklet for
Hex(4B5283) contains.

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Color

Hex(4B5283)

Conversions

Conversions Part 1

Format	Color
Hex	4B5283
RGB	75, 82, 131
RGB Percent	29%, 32%, 51%
CMY	0.7059, 0.6784, 0.4863
CMYK	0.43, 0.37, 0.00, 0.49
HSL	232°, 27%, 40%
HSV	232°, 43%, 51%
XYZ	10.0157, 9.1691, 22.7147
YIQ	85.4930, -19.9010, 13.7550

Conversions

Conversions Part 2

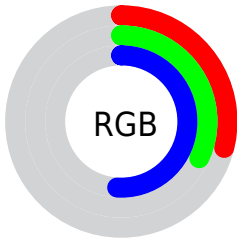
Format	Color
R_{YB}	75, 81, 131
Decimal	4936323
CIE _{Lab}	36.31, 10.70, -28.43
CIE _{LCh}	36, 30.378, 290.626
Yxy	9.1691, 0.2390, 0.2188
Android (android.graphics.Color)	4283126403 (0xFF4B5283)
YUV	85.4930, 22.4350, -9.2024
Hunter-Lab	30.2806, 6.0501, -23.2794

Details

The Hex color **4B5283** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **837C4B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **7E83B8**, and **192651** is the 20% darker color. If you saturate the color by 10%, you get **3E4783**, and if you desaturate by 10%, it is **585D83**.

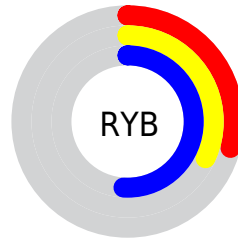
Distribution



Red (29%)

Green (32%)

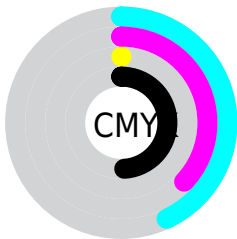
Blue (51%)



Red (29%)

Yellow (32%)

Blue (51%)

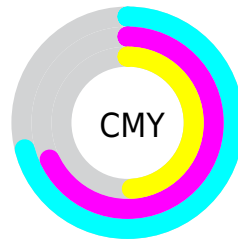


Cyan (43%)

Magenta (37%)

Yellow (0%)

Black (49%)



Cyan (71%)

Magenta (68%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B5283 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 4B5283 by changing the saturation by 10% instead.

■ 4B5283

■ 4B5283

FFFFFF

■ 323B6A

■ 7E83B8

■ 192651

■ 999DD4

■ 00113A

■ B4B8F1

■ 000224

■ D0D4FF

■ 00000C

■ EDF0FF

■ 000000

■ 4B5283

■ 4B5283

■ 3E4783

■ 585D83

■ 313B83

■ 656983

■ 243083

■ 727483

■ 172483

■ 7F8083

■ 091983

■ 8C8B83

■ 001083

■ 9A9783

■ A7A283

■ B4AE83

■ C1B983

Harmonies

Analogous

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



115A85



4B5283



6C4975

Triad

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



4B5283



7C4831



04614D

Complementary

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



4B5283



837C4B

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.



375F35



4B5283



6B5124

Square

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



4B5283



834246



535926



006266

Rectangle

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



4B5283



7A4366



535926



1D6144

Sweetspot

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



4B5283



9597AB



4B837C



494B57



D6D6D6



575757

Same Dimension

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



4B5283



545FAB



604B83



3C3C42



001082



000003

Inverse Universe

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



834B52



AB545F



6E834B



423C3C



820010



030000

Previews

White Background



This preview shows how the Hex color 4B5283 looks on a white background.

Color Contrast Check

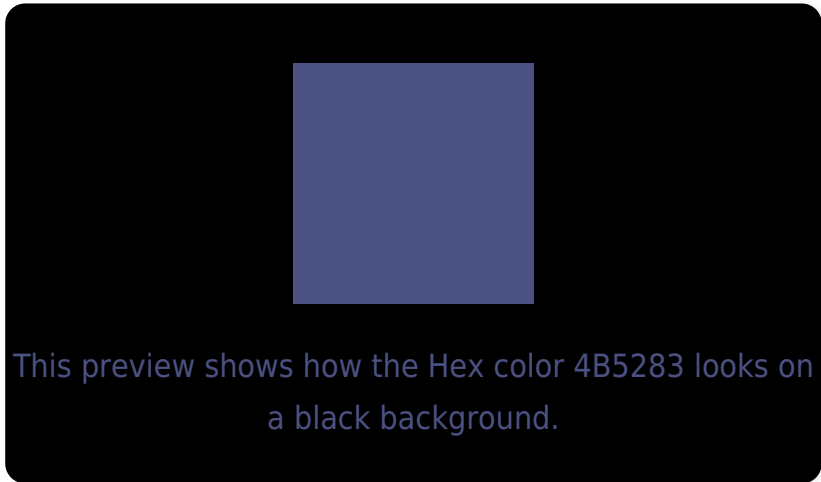
Large Text (above 18pt) WCAG AA ✓ Pass

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

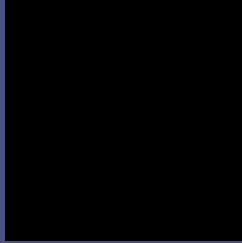
Any Text WCAG AA × Fail

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 4B5283 Background



This preview shows how black text looks on a background with the Hex color 4B5283.



This preview shows how white text looks on a background with the Hex color 4B5283.

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
4B5283

Protanopia
435484

Deuteranopia
3F5582



Tritanopia
425960

Trichromacy



Original Color
4B5283

Protanomaly
465384

Deuteranomaly
435482

Tritanomaly
45566D

Monochromacy



Original Color
4B5283

Achromatopsia
555555

Achromatomaly
515466

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B5283 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 #4B5283 looks like.

```
.text, #text, p{  
    color:#4B5283  
}
```

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 #4B5283 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5283
}
```

Border

The CSS property to change the border of an element to Hex 4B5283 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
#4B5283 }
```

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

```
.border{ border-color:#4B5283 }
```

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

Here you see how a box with a 4 pixel #4B5283 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B5283; -webkit-box-shadow:4px 4px  
4px 4px #4B5283; box-shadow:4px 4px 4px  
4px #4B5283 }
```

Background

The CSS property to change the background color of an element to Hex 4B5283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B5283 }
```

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

```
.background{ background-color:#4B5283 }
```

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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