

Converting Colors

Hex(4D5083)

Have a look what the booklet for
Hex(4D5083) contains.

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Color

Hex(4D5083)

Conversions

Conversions Part 1

Format	Color
Hex	4D5083
RGB	77, 80, 131
RGB Percent	30%, 31%, 51%
CMY	0.6980, 0.6863, 0.4863
CMYK	0.41, 0.39, 0.00, 0.49
HSL	237°, 26%, 41%
HSV	237°, 41%, 51%
XYZ	10.0260, 8.9538, 22.6726
YIQ	84.9170, -18.1590, 15.2250

Conversions

Conversions Part 2

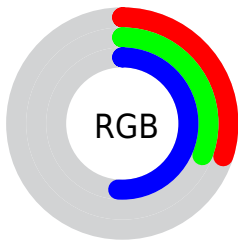
Format	Color
R_{YB}	77, 80, 131
Decimal	5066883
CIE _{Lab}	35.90, 12.56, -29.07
CIE _{LCh}	36, 31.666, 293.369
Yxy	8.9538, 0.2407, 0.2150
Android (android.graphics.Color)	4283256963 (0xFF4D5083)
YUV	84.9170, 22.7189, -6.9432
Hunter-Lab	29.9229, 7.4431, -23.9780

Details

The Hex color **4D5083** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **83804D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **8081B8**, and **1B2451** is the 20% darker color. If you saturate the color by 10%, you get **404483**, and if you desaturate by 10%, it is **5A5C83**.

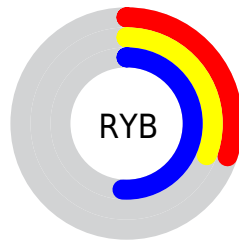
Distribution



Red (30%)

Green (31%)

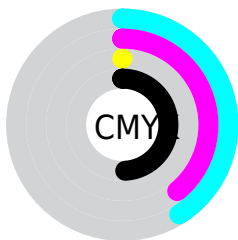
Blue (51%)



Red (30%)

Yellow (31%)

Blue (51%)

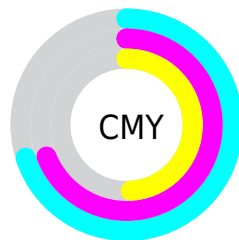


Cyan (41%)

Magenta (39%)

Yellow (0%)

Black (49%)



Cyan (70%)

Magenta (69%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D5083 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 4D5083 by changing the saturation by 10% instead.

■ 4D5083

■ 4D5083

FFFFFF

■ 34396A

■ 8081B8

■ 1B2451

■ 9B9BD4

■ 000F3A

■ B6B6F1

■ 000224

■ D2D1FF

■ 00000C

■ EFEEFF

■ 000000

■ 4D5083

■ 4D5083

■ 404483

■ 5A5C83

■ 333783

■ 676983

■ 262B83

■ 747583

■ 191F83

■ 818183

■ 0B1283

■ 8E8E83

■ 000783

■ 9C9A83

■ A9A783

■ B6B383

■ C3BF83

Harmonies

Analogous

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



0F5987



4D5083



6E4673

Triad

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



4D5083



7A482C



00614E

Complementary

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



4D5083



83804D

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.



315E35



4D5083



685120

Square

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



4D5083



844042



505924



006168

Rectangle

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



4D5083



7C4164



505924



106045

Sweetspot

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



4D5083



9697AB



4D837F



4B4B57



D6D6D6



575757

Same Dimension

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



4D5083



575CAB



644D83



3C3C42



000782



000003

Inverse Universe

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



834D50



AB575C



6C834D



423C3C



820007



030000

Previews

White Background



This preview shows how the Hex color 4D5083 looks on a white background.

Color Contrast Check

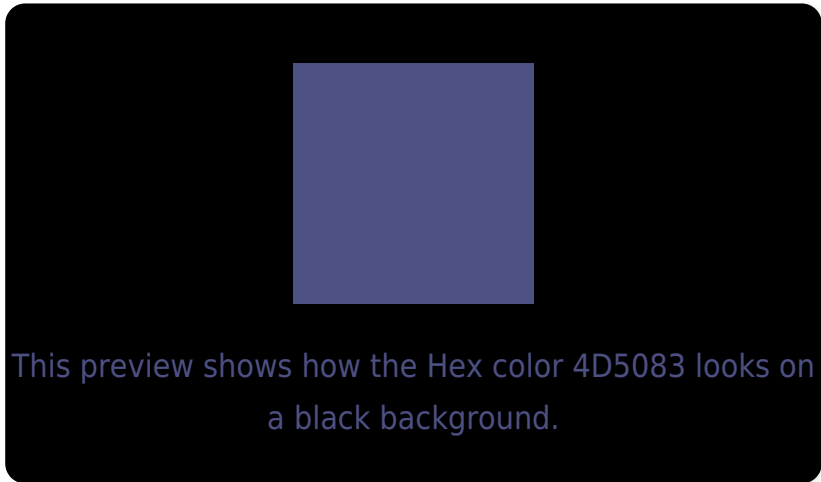
Large Text (above 18pt) WCAG AA ✓ Pass

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

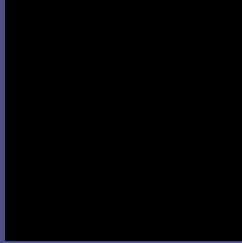
Any Text WCAG AA × Fail

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 4D5083 Background



This preview shows how black text looks on a background with the Hex color 4D5083.



This preview shows how white text looks on a background with the Hex color 4D5083.

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](#).

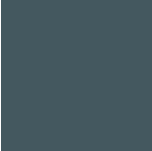
Dichromacy



Original Color
4D5083

Protanopia
415385

Deuteranopia
3D5482



Tritanopia
44585F

Trichromacy



Original Color
4D5083

Protanomaly
455284

Deuteranomaly
435382

Tritanomaly
47556C

Monochromacy



Original Color
4D5083

Achromatopsia
555555

Achromatomaly
525366

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D5083 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 #4D5083 looks like.

```
.text, #text, p{  
    color:#4D5083  
}
```

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 #4D5083 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D5083
}
```

Border

The CSS property to change the border of an element to Hex 4D5083 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
#4D5083 }
```

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

```
.border{ border-color:#4D5083 }
```

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

Here you see how a box with a 4 pixel #4D5083 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D5083; -webkit-box-shadow:4px 4px  
4px 4px #4D5083; box-shadow:4px 4px 4px  
4px #4D5083 }
```

Background

The CSS property to change the background color of an element to Hex 4D5083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D5083 }
```

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

```
.background{ background-color:#4D5083 }
```

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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