

Converting Colors

Hex(4D6186)

Have a look what the booklet for
Hex(4D6186) contains.

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Color

Hex(4D6186)

Conversions

Conversions Part 1

Format	Color
Hex	4D6186
RGB	77, 97, 134
RGB Percent	30%, 38%, 53%
CMY	0.6980, 0.6196, 0.4745
CMYK	0.43, 0.28, 0.00, 0.47
HSL	219°, 27%, 41%
HSV	219°, 43%, 53%
XYZ	11.6383, 11.8484, 24.2278
YIQ	95.2380, -23.7970, 7.2670

Conversions

Conversions Part 2

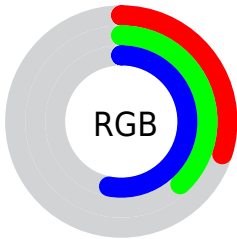
Format	Color
RYB	77, 92, 134
Decimal	5071238
CIELab	40.97, 2.71, -22.96
CIElCh	41, 23.122, 276.728
Yxy	11.8484, 0.2439, 0.2483
Android (android.graphics.Color)	4283261318 (0xFF4D6186)
YUV	95.2380, 19.1097, -15.9947
Hunter-Lab	34.4215, 0.1154, -17.6366

Details

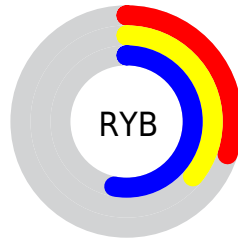
The Hex color **4D6186** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **86724D**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **8093BB**, and **1B3354** is the 20% darker color. If you saturate the color by 10%, you get **405886**, and if you desaturate by 10%, it is **5A6A86**.

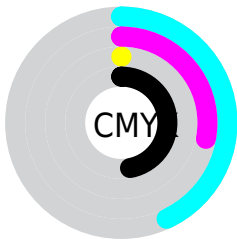
Distribution



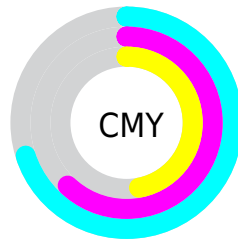
- Red (30%)
- Green (38%)
- Blue (53%)



- Red (30%)
- Yellow (36%)
- Blue (53%)



- Cyan (43%)
- Magenta (28%)
- Yellow (0%)
- Black (47%)



- Cyan (70%)
- Magenta (62%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D6186 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 4D6186 by changing the saturation by 10% instead.

■ 4D6186

■ 4D6186

FFFFFF

■ 34496D

■ 8093BB

■ 1B3354

■ 9BAED7

■ 001E3D

■ B6C9F4

■ 000427

■ D2E5FF

■ 000111

■ EFFFFFF

■ 000000

■ 4D6186

■ 4D6186

■ 405886

■ 5A6A86

■ 325086

■ 687286

■ 254786

■ 757B86

■ 173E86

■ 838486

■ 0A3686

■ 908C86

■ 002F86

■ 9D9586

■ AB9E86

■ B8A786

■ C6AF86

Harmonies

Analogous

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



2E6783



4D6186



695A7F

Triad

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



4D6186



84554B



3E6A51

Complementary

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



4D6186



86724D

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.



556642



4D6186



7A5A3E

Square

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



4D6186



85525D



69613B



276B64

Rectangle

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



4D6186



775676



69613B



46694B

Sweetspot

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



4D6186



979FAD



4D8671



494E57



D6D6D6



575757

Same Dimension

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



4D6186



5574AD



554D86



3C3E42



002E82



000103

Inverse Universe

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



864D61



AD5574



7E864D



423C3E



82002E



030001

Previews

White Background



This preview shows how the Hex color 4D6186 looks on a white background.

Color Contrast Check

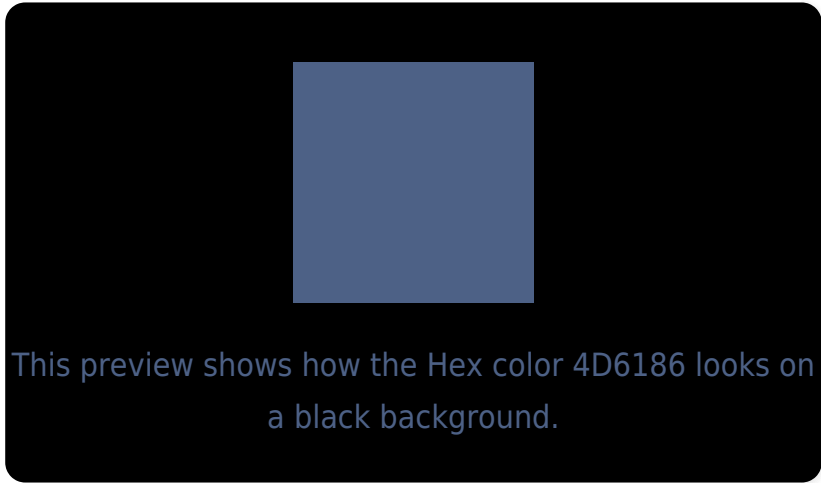
Large Text (above 18pt) WCAG AA ✓ Pass

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

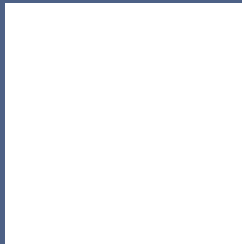
Any Text WCAG AAA × Fail

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

Hex 4D6186 Background



This preview shows how black text looks on a background with the Hex color 4D6186.

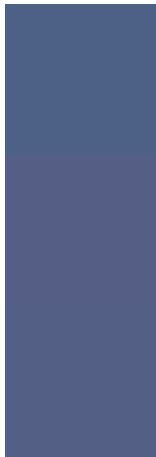


This preview shows how white text looks on a background with the Hex color 4D6186.

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
4D6186

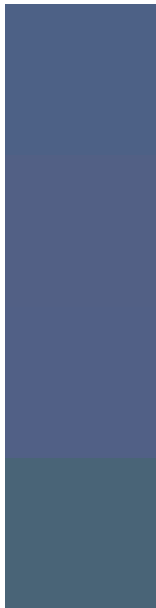
Protanopia
555F85

Deuteranopia
545F86



Tritanopia
46666E

Trichromacy



Original Color
4D6186

Protanomaly
526085

Deuteranomaly
516086

Tritanomaly
496477

Monochromacy



Original Color
4D6186

Achromatopsia
5F5F5F

Achromatomaly
58606D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D6186 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 #4D6186 looks like.

```
.text, #text, p{  
    color:#4D6186  
}
```

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 #4D6186 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6186
}
```

Border

The CSS property to change the border of an element to Hex 4D6186 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
#4D6186 }
```

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

```
.border{ border-color:#4D6186 }
```

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

Here you see how a box with a 4 pixel #4D6186 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6186; -webkit-box-shadow:4px 4px  
4px 4px #4D6186; box-shadow:4px 4px 4px  
4px #4D6186 }
```

Background

The CSS property to change the background color of an element to Hex 4D6186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6186 }
```

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

```
.background{ background-color:#4D6186 }
```

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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