

Converting Colors

Hex(4D416A)

Have a look what the booklet for
Hex(4D416A) contains.

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Color

Hex(4D416A)

Conversions

Conversions Part 1

Format	Color
Hex	4D416A
RGB	77, 65, 106
RGB Percent	30%, 25%, 42%
CMY	0.6980, 0.7451, 0.5843
CMYK	0.27, 0.39, 0.00, 0.58
HSL	258°, 24%, 34%
HSV	258°, 39%, 42%
XYZ	7.5524, 6.3990, 14.4727
YIQ	73.2620, -6.0090, 15.2950

Conversions

Conversions Part 2

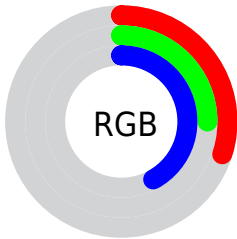
Format	Color
RYB	77, 65, 106
Decimal	5063018
CIELab	30.40, 14.97, -22.07
CIElCh	30, 26.669, 304.141
Yxy	6.3990, 0.2657, 0.2251
Android (android.graphics.Color)	4283253098 (0xFF4D416A)
YUV	73.2620, 16.1398, 3.2782
Hunter-Lab	25.2962, 9.0242, -16.2143

Details

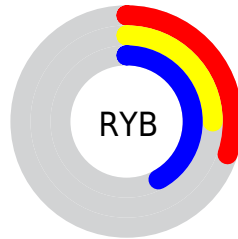
The Hex color **4D416A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5E6A41**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **7F719E**, and **1F163A** is the 20% darker color. If you saturate the color by 10%, you get **46366A**, and if you desaturate by 10%, it is **544C6A**.

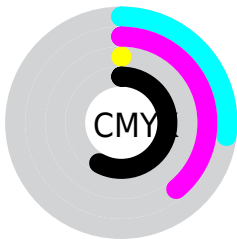
Distribution



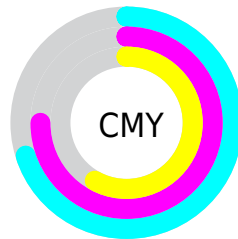
- Red (30%)
- Green (25%)
- Blue (42%)



- Red (30%)
- Yellow (25%)
- Blue (42%)



- Cyan (27%)
- Magenta (39%)
- Yellow (0%)
- Black (58%)



- Cyan (70%)
- Magenta (75%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D416A 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 4D416A by changing the saturation by 10% instead.

■ 4D416A

■ 4D416A

FFFFFF

■ 352B52

■ 7F719E

■ 1F163A

■ 998AB9

■ 0D0025

■ B4A5D4

■ 00010D

■ D0C0F1

■ 000000

■ ECDCFF

■ FFF8FF

■ 4D416A

■ 4D416A

■ 46366A

■ 544C6A

■ 3E2C6A

■ 5C566A

■ 37216A

■ 63616A

■ 2F176A

■ 6B6B6A

■ 280C6A

■ 72766A

■ 20016A

■ 7A816A

■ 1F006A

■ 818B6A

■ 89966A

■ 90A06A

Harmonies

Analogous

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



294971



4D416A



64395A

Triad

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



4D416A



624022



00524A

Complementary

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



4D416A



5E6A41

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.



205135



4D416A



51471D

Square

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



4D416A



6D3931



3C4D24



00525E

Rectangle

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



4D416A



6C374D



3C4D24



005243

Sweetspot

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



4D416A



7E798A



415E6A



3E3B45



C4C4C4



454545

Same Dimension

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



4D416A



5D4A8A



61416A



323036



220075



4800F5

Inverse Universe

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



6A415E



8A4A77



4A6A41



363034



750053



F500AD

Previews

White Background



This preview shows how the Hex color 4D416A looks on a white background.

Color Contrast Check

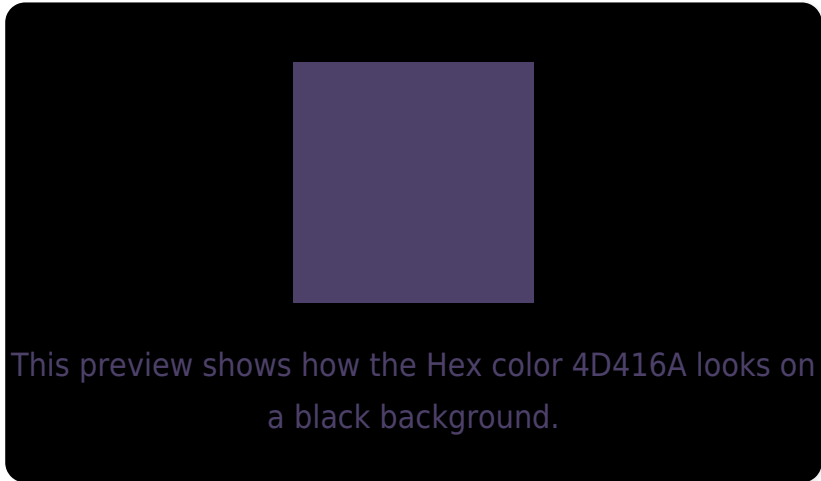
Large Text (above 18pt) WCAG AA ✓ Pass

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

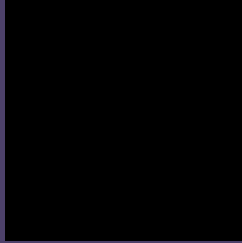
Any Text WCAG AA × Fail

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 4D416A Background



This preview shows how black text looks on a background with the Hex color 4D416A.



This preview shows how white text looks on a background with the Hex color 4D416A.

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
4D416A

Protanopia
39466F

Deuteranopia
3A4769



Tritanopia
47474D

Trichromacy



Original Color
4D416A

Protanomaly
40446D

Deuteranomaly
414569

Tritanomaly
494558

Monochromacy



Original Color
4D416A

Achromatopsia
494949

Achromatomaly
4A4655

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D416A 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 #4D416A looks like.

```
.text, #text, p{  
    color:#4D416A  
}
```

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 #4D416A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D416A
}
```

Border

The CSS property to change the border of an element to Hex 4D416A 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
#4D416A }
```

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

```
.border{ border-color:#4D416A }
```

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

Here you see how a box with a 4 pixel #4D416A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D416A; -webkit-box-shadow:4px 4px  
4px 4px #4D416A; box-shadow:4px 4px 4px  
4px #4D416A }
```

Background

The CSS property to change the background color of an element to Hex 4D416A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D416A }
```

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

```
.background{ background-color:#4D416A }
```

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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