

Converting Colors

Hex(4C416D)

Have a look what the booklet for
Hex(4C416D) contains.

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Color

Hex(4C416D)

Conversions

Conversions Part 1

Format	Color
Hex	4C416D
RGB	76, 65, 109
RGB Percent	30%, 25%, 43%
CMY	0.7020, 0.7451, 0.5725
CMYK	0.30, 0.40, 0.00, 0.57
HSL	255°, 25%, 34%
HSV	255°, 40%, 43%
XYZ	7.6311, 6.4212, 15.3052
YIQ	73.3050, -7.5680, 16.0160

Conversions

Conversions Part 2

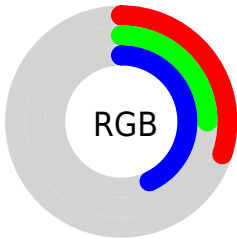
Format	Color
R_{YB}	76, 65, 109
Decimal	4997485
CIE _{Lab}	30.45, 15.48, -23.90
CIE _{LCh}	30, 28.477, 302.931
Yxy	6.4212, 0.2599, 0.2187
Android (android.graphics.Color)	4283187565 (0xFF4C416D)
YUV	73.3050, 17.5976, 2.3635
Hunter-Lab	25.3401, 9.4095, -18.0726

Details

The Hex color **4C416D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **626D41**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **7E71A1**, and **1D163D** is the 20% darker color. If you saturate the color by 10%, you get **44366D**, and if you desaturate by 10%, it is **544C6D**.

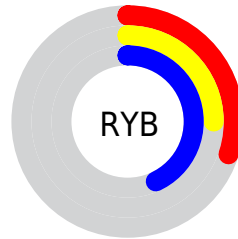
Distribution



Red (30%)

Green (25%)

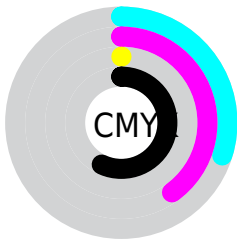
Blue (43%)



Red (30%)

Yellow (25%)

Blue (43%)

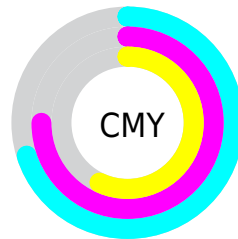


Cyan (30%)

Magenta (40%)

Yellow (0%)

Black (57%)



Cyan (70%)

Magenta (75%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C416D 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 4C416D by changing the saturation by 10% instead.

■ 4C416D

■ 4C416D

FFFFFF

■ 342B55

■ 7E71A1

■ 1D163D

■ 988ABC

■ 0B0027

■ B3A5D8

■ 000111

■ CFC0F4

■ 000000

■ ECDCFF

■ FFF8FF

■ 4C416D

■ 4C416D

■ 44366D

■ 544C6D

■ 3C2B6D

■ 5C576D

■ 33206D

■ 65626D

■ 2B156D

■ 6D6D6D

■ 230A6D

■ 75776D

■ 1B006D

■ 7D826D

■ 858D6D

■ 8D986D

■ 96A36D

Harmonies

Analogous

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



234974



4C416D



65395C

Triad

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



4C416D



653F20



005349

Complementary

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



4C416D



626D41

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.



1D5133



4C416D



53471A

Square

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



4C416D



6F3831



3C4D21



00525F

Rectangle

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



4C416D



6E354E



3C4D21



005342

Sweetspot

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



4C416D



827E8F



41626D



403D47



C7C7C7



474747

Same Dimension

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



4C416D



5B4A8F



62416D



323036



1D0075



3D00F5

Inverse Universe

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



6D4162



8F4A7E



4C6D41



363034



750058



F500B8

Previews

White Background



This preview shows how the Hex color 4C416D looks on a white background.

Color Contrast Check

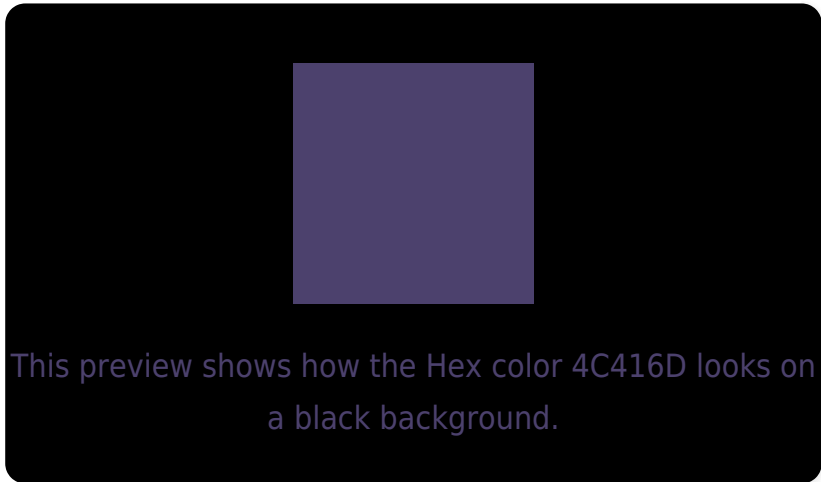
Large Text (above 18pt) WCAG AA ✓ Pass

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

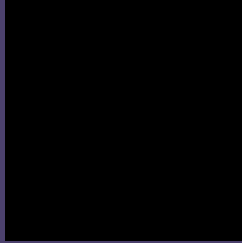
Any Text WCAG AA × Fail

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 4C416D Background



This preview shows how black text looks on a background with the Hex color 4C416D.



This preview shows how white text looks on a background with the Hex color 4C416D.

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](#).

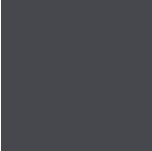
Dichromacy



Original Color
4C416D

Protanopia
374672

Deuteranopia
37476C



Tritanopia
46484D

Trichromacy



Original Color
4C416D

Protanomaly
3F4470

Deuteranomaly
3F456C

Tritanomaly
484559

Monochromacy



Original Color
4C416D

Achromatopsia
494949

Achromatomaly
4A4656

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C416D 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 #4C416D looks like.

```
.text, #text, p{  
    color:#4C416D  
}
```

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 #4C416D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C416D
}
```

Border

The CSS property to change the border of an element to Hex 4C416D is called "border". The border property can be set on classes, ids or directly on the HTML element.

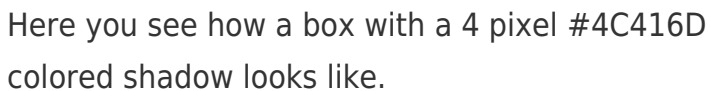
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C416D }
```

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

```
.border{ border-color:#4C416D }
```

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



Here you see how a box with a 4 pixel #4C416D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C416D; -webkit-box-shadow:4px 4px  
4px 4px #4C416D; box-shadow:4px 4px 4px  
4px #4C416D }
```

Background

The CSS property to change the background color of an element to Hex 4C416D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C416D }
```

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

```
.background{ background-color:#4C416D }
```

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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