

Converting Colors

Hex(4A516D)

Have a look what the booklet for
Hex(4A516D) contains.

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Color

Hex(4A516D)

Conversions

Conversions Part 1

Format	Color
Hex	4A516D
RGB	74, 81, 109
RGB Percent	29%, 32%, 43%
CMY	0.7098, 0.6824, 0.5725
CMYK	0.32, 0.26, 0.00, 0.57
HSL	228°, 19%, 36%
HSV	228°, 32%, 43%
XYZ	8.5268, 8.4448, 15.6486
YIQ	82.0990, -13.1600, 7.2240

Conversions

Conversions Part 2

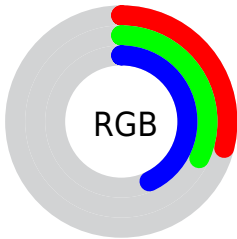
Format	Color
R_{YB}	74, 80, 109
Decimal	4870509
CIE _{Lab}	34.89, 4.47, -17.02
CIE _{LCh}	35, 17.592, 284.705
Yxy	8.4448, 0.2614, 0.2589
Android (android.graphics.Color)	4283060589 (0xFF4A516D)
YUV	82.0990, 13.2622, -7.1028
Hunter-Lab	29.0600, 1.5205, -11.5853

Details

The Hex color **4A516D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6D664A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7C82A1**, and **1C253D** is the 20% darker color. If you saturate the color by 10%, you get **3F486D**, and if you desaturate by 10%, it is **555A6D**.

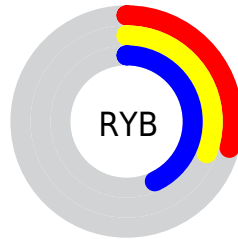
Distribution



Red (29%)

Green (32%)

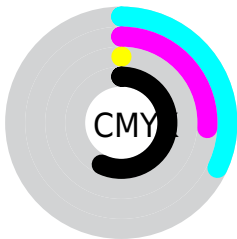
Blue (43%)



Red (29%)

Yellow (31%)

Blue (43%)

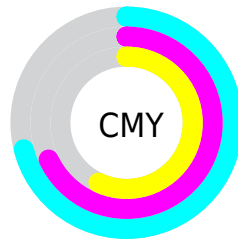


Cyan (32%)

Magenta (26%)

Yellow (0%)

Black (57%)



Cyan (71%)

Magenta (68%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A516D 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 4A516D by changing the saturation by 10% instead.

■ 4A516D

■ 4A516D

FFFFFF

■ 333A55

■ 7C82A1

■ 1C253D

■ 969CBC

■ 060F27

■ B1B7D7

■ 000112

■ CCD3F4

■ 000000

■ E9EFFF

■ 4A516D

■ 4A516D

■ 3F486D

■ 555A6D

■ 34406D

■ 60626D

■ 29376D

■ 6B6B6D

■ 1E2E6D

■ 76746D

■ 14256D

■ 817D6D

■ 091D6D

■ 8B856D

■ 00166D

■ 968E6D

■ A1976D

■ AC9F6D

Harmonies

Analogous

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



35566D



4A516D



5D4C66

Triad

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



4A516D



6B4A3F



35594A

Complementary

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



4A516D



6D664A

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.



45573E



4A516D



624F37

Square

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



4A516D



6E484C



555337



285A59

Rectangle

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



4A516D



66495E



555337



3A5946

Sweetspot

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



4A516D



81838F



4A6D66



3F4147



C7C7C7



474747

Same Dimension

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



4A516D



57628F



554A6D



303136



001775



0031F5

Inverse Universe

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



6D4A51



8F5762



636D4A



363031



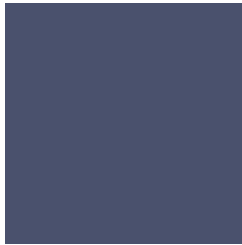
750017



F50031

Previews

White Background



This preview shows how the Hex color 4A516D looks on a white background.

Color Contrast Check

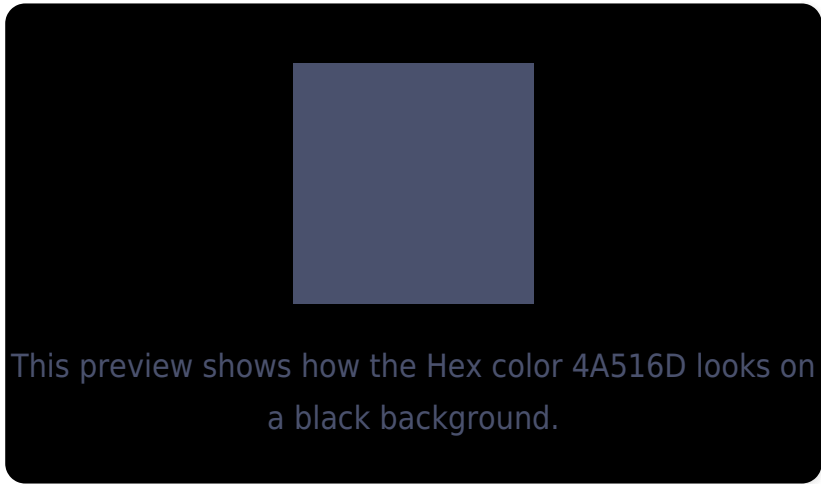
Large Text (above 18pt) WCAG AA ✓ Pass

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

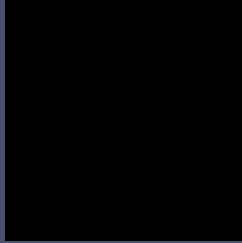
Any Text WCAG AA × Fail

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 4A516D Background



This preview shows how black text looks on a background with the Hex color 4A516D.

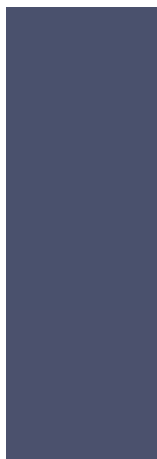


This preview shows how white text looks on a background with the Hex color 4A516D.

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

4A516D

Protanopia

4A516D

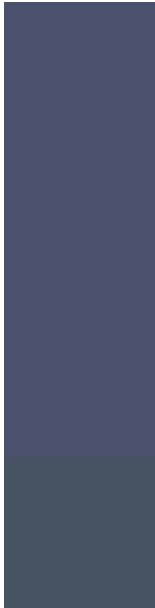
Deuteranopia

4B516D



Tritanopia
46545B

Trichromacy



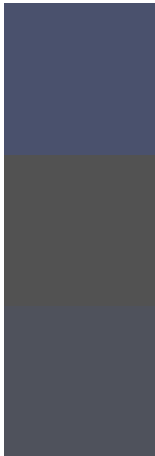
Original Color
4A516D

Protanomaly
4A516D

Deuteranomaly
4B516D

Tritanomaly
475362

Monochromacy



Original Color
4A516D

Achromatopsia
525252

Achromatomaly
4F525C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A516D 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 #4A516D looks like.

```
.text, #text, p{  
    color:#4A516D  
}
```

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 #4A516D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A516D
}
```

Border

The CSS property to change the border of an element to Hex 4A516D 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
#4A516D }
```

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

```
.border{ border-color:#4A516D }
```

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

Here you see how a box with a 4 pixel #4A516D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A516D; -webkit-box-shadow:4px 4px  
4px 4px #4A516D; box-shadow:4px 4px 4px  
4px #4A516D }
```

Background

The CSS property to change the background color of an element to Hex 4A516D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A516D }
```

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

```
.background{ background-color:#4A516D }
```

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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