

Converting Colors

Hex(4A4268)

Have a look what the booklet for
Hex(4A4268) contains.

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Color

Hex(4A4268)

Conversions

Conversions Part 1

Format	Color
Hex	4A4268
RGB	74, 66, 104
RGB Percent	29%, 26%, 41%
CMY	0.7098, 0.7412, 0.5922
CMYK	0.29, 0.37, 0.00, 0.59
HSL	253°, 22%, 33%
HSV	253°, 37%, 41%
XYZ	7.2709, 6.3518, 13.9395
YIQ	72.7240, -7.4300, 13.5140

Conversions

Conversions Part 2

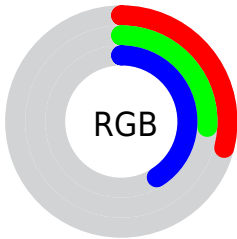
Format	Color
RYB	74, 66, 104
Decimal	4866664
CIELab	30.28, 12.76, -21.00
CIElCh	30, 24.572, 301.276
Yxy	6.3518, 0.2638, 0.2305
Android (android.graphics.Color)	4283056744 (0xFF4A4268)
YUV	72.7240, 15.4191, 1.1191
Hunter-Lab	25.2027, 7.3924, -15.1512

Details

The Hex color **4A4268** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **606842**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **7C729B**, and **1C1739** is the 20% darker color. If you saturate the color by 10%, you get **423868**, and if you desaturate by 10%, it is **524C68**.

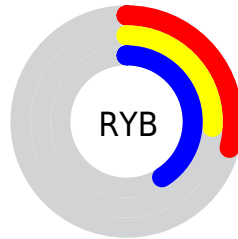
Distribution



 Red (29%)

 Green (26%)

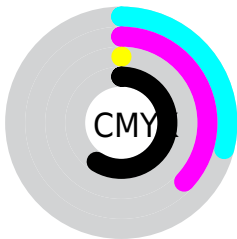
 Blue (41%)



 Red (29%)

 Yellow (26%)

 Blue (41%)

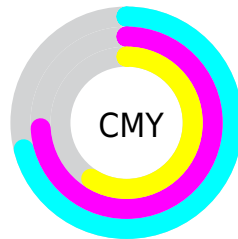


 Cyan (29%)

 Magenta (37%)

 Yellow (0%)

 Black (59%)



 Cyan (71%)

 Magenta (74%)

 Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A4268 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 4A4268 by changing the saturation by 10% instead.

■ 4A4268

■ 4A4268

FFFFFF

■ 332C50

■ 7C729B

■ 1C1739

■ 968BB6

■ 080023

■ B1A6D2

■ 00000A

■ CCC1EE

■ 000000

■ E9DDFF

■ FFF9FF

■ 4A4268

■ 4A4268

■ 423868

■ 524C68

■ 3A2D68

■ 5A5768

■ 312368

■ 636168

■ 291868

■ 6B6C68

■ 210E68

■ 737668

■ 190468

■ 7B8068

■ 160068

■ 838B68

■ 8C9568

■ 94A068

Harmonies

Analogous

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



29496D



4A4268



603B5A

Triad

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



4A4268



624026



005148

Complementary

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



4A4268



606842

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.



275034



4A4268



524620

Square

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



4A4268



6B3A34



3F4C26



00515B

Rectangle

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



4A4268



68384E



3F4C26



105141

Sweetspot

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



4A4268



7B7887



426068



3E3C45



C4C4C4



454545

Same Dimension

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



4A4268



584C87



5D4268



2F2E33



180073



3300F2

Inverse Universe

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



684260



874C7B



4D6842



332E32



73005B



F200BF

Previews

White Background



This preview shows how the Hex color 4A4268 looks on a white background.

Color Contrast Check

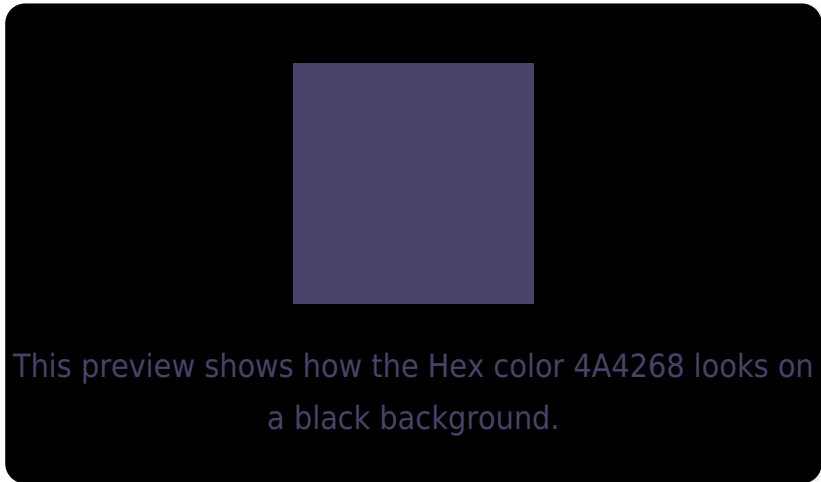
Large Text (above 18pt) WCAG AA ✓ Pass

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

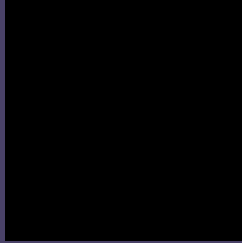
Any Text WCAG AA × Fail

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 4A4268 Background



This preview shows how black text looks on a background with the Hex color 4A4268.

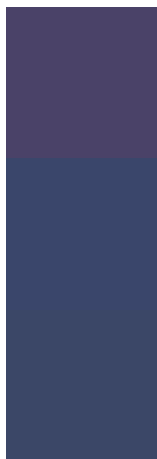


This preview shows how white text looks on a background with the Hex color 4A4268.

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

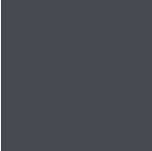
4A4268

Protanopia

3A466B

Deuteranopia

3B4767



Tritanopia
45484D

Trichromacy



Original Color

4A4268

Protanomaly

40456A

Deuteranomaly

404567

Tritanomaly

474657

Monochromacy



Original Color

4A4268

Achromatopsia

494949

Achromatomaly

494654

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A4268 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 #4A4268 looks like.

```
.text, #text, p{  
    color:#4A4268  
}
```

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 #4A4268 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4268
}
```

Border

The CSS property to change the border of an element to Hex 4A4268 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
#4A4268 }
```

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

```
.border{ border-color:#4A4268 }
```

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

Here you see how a box with a 4 pixel #4A4268 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4268; -webkit-box-shadow:4px 4px  
4px 4px #4A4268; box-shadow:4px 4px 4px  
4px #4A4268 }
```

Background

The CSS property to change the background color of an element to Hex 4A4268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4268 }
```

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

```
.background{ background-color:#4A4268 }
```

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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