

Converting Colors

Hex(4A4267)

Have a look what the booklet for
Hex(4A4267) contains.

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Color

Hex(4A4267)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 4A4267 |
| RGB | 74, 66, 103 |
| RGB Percent | 29%, 26%, 40% |
| CMY | 0.7098, 0.7412, 0.5961 |
| CMYK | 0.28, 0.36, 0.00, 0.60 |
| HSL | 253°, 22%, 33% |
| HSV | 253°, 36%, 40% |
| XYZ | 7.2204, 6.3315, 13.6735 |
| YIQ | 72.6100, -7.1090, 13.2030 |

Conversions

Conversions Part 2

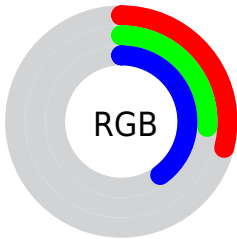
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 74, 66, 103 |
| Decimal | 4866663 |
| CIE _{Lab} | 30.23, 12.48, -20.44 |
| CIE _{LCh} | 30, 23.947, 301.398 |
| Yxy | 6.3315, 0.2652, 0.2326 |
| Android (android.graphics.Color) | 4283056743 (0xFF4A4267) |
| YUV | 72.6100, 14.9823, 1.2190 |
| Hunter-Lab | 25.1626, 7.1863, -14.6048 |

Details

The Hex color **4A4267** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5F6742**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7C729A**, and **1C1738** is the 20% darker color. If you saturate the color by 10%, you get **423867**, and if you desaturate by 10%, it is **524C67**.

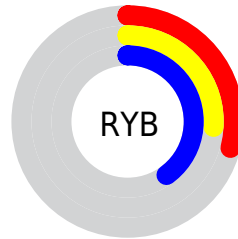
Distribution



Red (29%)

Green (26%)

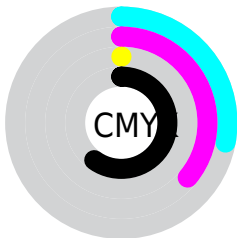
Blue (40%)



Red (29%)

Yellow (26%)

Blue (40%)

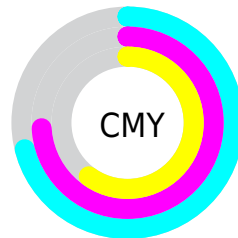


Cyan (28%)

Magenta (36%)

Yellow (0%)

Black (60%)



Cyan (71%)

Magenta (74%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A4267 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 4A4267 by changing the saturation by 10% instead.



4A4267



4A4267

FFFFFF



332C4F



7C729A



1C1738



968BB5



080023



B1A6D1



000009



CCC1ED



000000



E9DDFF



FFF9FF



4A4267



4A4267



423867



524C67

■ 3A2D67

■ 5A5767

■ 322367

■ 626167

■ 2A1967

■ 6A6B67

■ 220E67

■ 727667

■ 1A0467

■ 7A8067

■ 160067

■ 838A67

■ 8B9467

■ 939F67

Harmonies

Analogous

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



2B496C



4A4267



5F3B59

Triad

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



4A4267



614027



015147

Complementary

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



4A4267



5F6742

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.



274F35



4A4267



524621

Square

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



4A4267



6A3A35



3F4C26



00505A

Rectangle

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



4A4267



67394D



3F4C26



125141

Sweetspot

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



4A4267



7B7887



426067



3E3C45



C4C4C4



454545

Same Dimension

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



4A4267



5A4D87



5C4267



2F2E33



190073



3400F2

Inverse Universe

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



67425F



874D7B



4D6742



332E32



73005A



F200BE

Previews

White Background



This preview shows how the Hex color 4A4267 looks on a white background.

Color Contrast Check

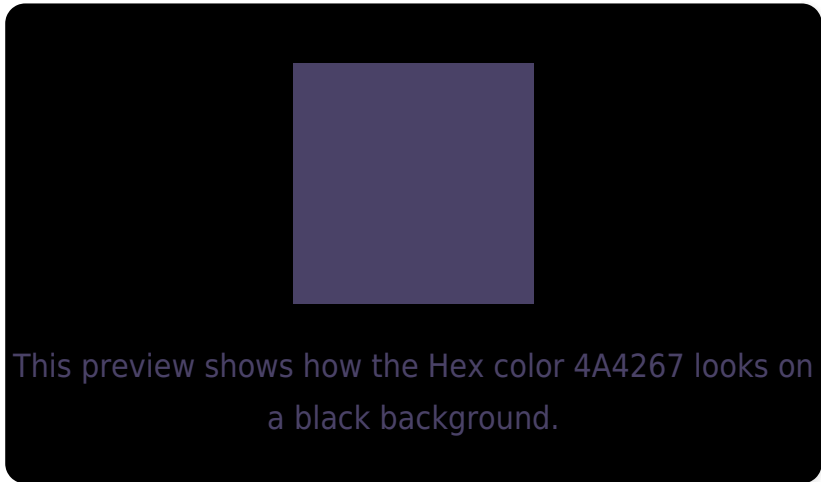
Large Text (above 18pt) WCAG AA ✓ Pass

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

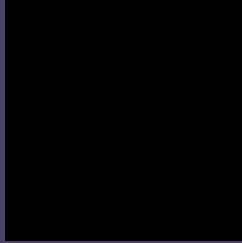
Any Text WCAG AA × Fail

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 4A4267 Background



This preview shows how black text looks on a background with the Hex color 4A4267.

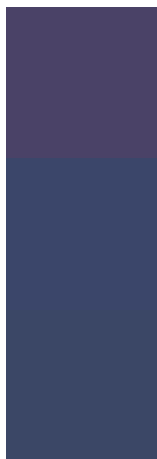


This preview shows how white text looks on a background with the Hex color 4A4267.

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

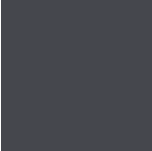
4A4267

Protanopia

3B466A

Deuteranopia

3B4766



Tritanopia
45474D

Trichromacy



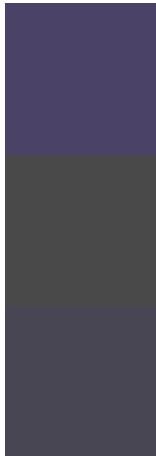
Original Color
4A4267

Protanomaly
404569

Deuteranomaly
404566

Tritanomaly
474556

Monochromacy



Original Color
4A4267

Achromatopsia
494949

Achromatomaly
494654

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A4267 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 #4A4267 looks like.

```
.text, #text, p{  
    color:#4A4267  
}
```

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 #4A4267 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4267
}
```

Border

The CSS property to change the border of an element to Hex 4A4267 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
#4A4267 }
```

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

```
.border{ border-color:#4A4267 }
```

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

Here you see how a box with a 4 pixel #4A4267 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4267; -webkit-box-shadow:4px 4px  
4px 4px #4A4267; box-shadow:4px 4px 4px  
4px #4A4267 }
```

Background

The CSS property to change the background color of an element to Hex 4A4267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4267 }
```

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

```
.background{ background-color:#4A4267 }
```

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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