

Converting Colors

Hex(4A4262)

Have a look what the booklet for
Hex(4A4262) contains.

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Color

Hex(4A4262)

Conversions

Conversions Part 1

Format	Color
Hex	4A4262
RGB	74, 66, 98
RGB Percent	29%, 26%, 38%
CMY	0.7098, 0.7412, 0.6157
CMYK	0.24, 0.33, 0.00, 0.62
HSL	255°, 20%, 32%
HSV	255°, 33%, 38%
XYZ	6.9769, 6.2341, 12.3909
YIQ	72.0400, -5.5040, 11.6480

Conversions

Conversions Part 2

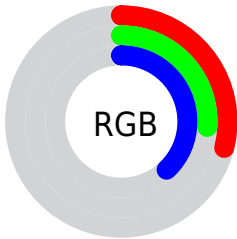
Format	Color
R_{YB}	74, 66, 98
Decimal	4866658
CIE _{Lab}	30.00, 11.10, -17.62
CIE _{LCh}	30, 20.819, 302.203
Yxy	6.2341, 0.2725, 0.2435
Android (android.graphics.Color)	4283056738 (0xFF4A4262)
YUV	72.0400, 12.7983, 1.7189
Hunter-Lab	24.9682, 6.1838, -11.9458

Details

The Hex color **4A4262** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5A6242**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7B7295**, and **1D1733** is the 20% darker color. If you saturate the color by 10%, you get **433862**, and if you desaturate by 10%, it is **514C62**.

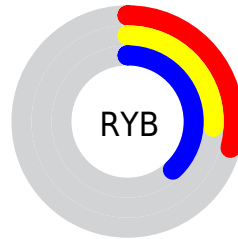
Distribution



Red (29%)

Green (26%)

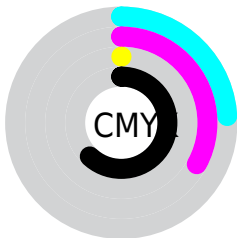
Blue (38%)



Red (29%)

Yellow (26%)

Blue (38%)

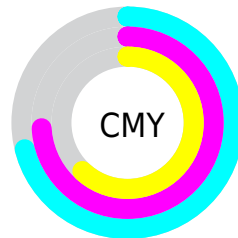


Cyan (24%)

Magenta (33%)

Yellow (0%)

Black (62%)



Cyan (71%)

Magenta (74%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A4262 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 4A4262 by changing the saturation by 10% instead.



4A4262



4A4262

FFFFFF



332C4A



7B7295



1D1733



958BB0



08001F



B0A6CB



000001



CCC1E7



000000



E8DDFF



FFF9FF



4A4262



4A4262



433862



514C62

■ 3B2E62

■ 595662

■ 342562

■ 605F62

■ 2D1B62

■ 676962

■ 251162

■ 6F7362

■ 1E0762

■ 767D62

■ 190062

■ 7D8762

■ 859062

■ 8C9A62

Harmonies

Analogous

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



314867



4A4262



5C3D56

Triad

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



4A4262



5D402A



144F47

Complementary

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



4A4262



5A6242

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.



2B4E37



4A4262



504626

Square

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



4A4262



653C36



3F4B2B



004F57

Rectangle

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



4A4262



633A4C



3F4B2B



1C4F42

Sweetspot

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



4A4262



767380



425A62



3A3840



BFBFBF



404040

Same Dimension

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



4A4262



5A4E80



5A4262



2D2C30



1C0070



3C00F0

Inverse Universe

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



62425A



804E73



4A6242



302C2F



700054



F000B4

Previews

White Background



This preview shows how the Hex color 4A4262 looks on a white background.

Color Contrast Check

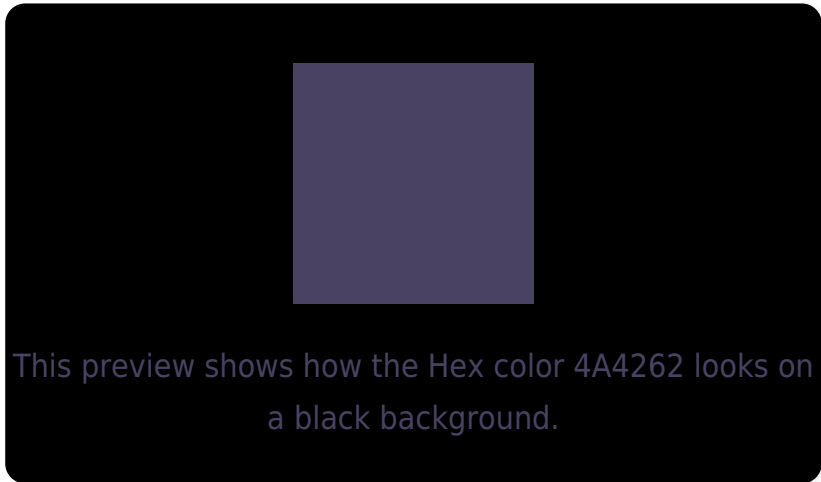
Large Text (above 18pt) WCAG AA ✓ Pass

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

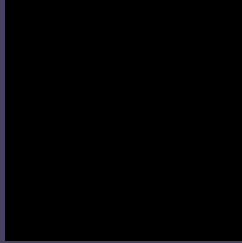
Any Text WCAG AA × Fail

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 4A4262 Background



This preview shows how black text looks on a background with the Hex color 4A4262.

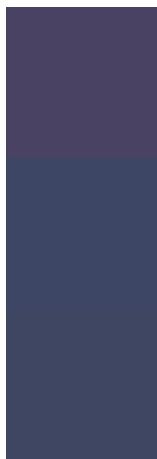


This preview shows how white text looks on a background with the Hex color 4A4262.

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


4A4262

Protanopia

3D4665

Deuteranopia

3E4661



Tritanopia
46464C

Trichromacy



Original Color

4A4262

Protanomaly

424564

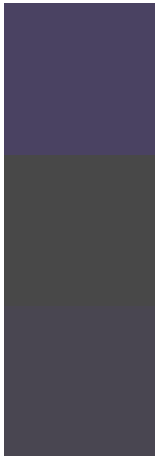
Deuteranomaly

424561

Tritanomaly

474554

Monochromacy



Original Color

4A4262

Achromatopsia

484848

Achromatomaly

494651

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A4262 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 #4A4262 looks like.

```
.text, #text, p{  
    color:#4A4262  
}
```

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 #4A4262 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4262
}
```

Border

The CSS property to change the border of an element to Hex 4A4262 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
#4A4262 }
```

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

```
.border{ border-color:#4A4262 }
```

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

Here you see how a box with a 4 pixel #4A4262 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4262; -webkit-box-shadow:4px 4px  
4px 4px #4A4262; box-shadow:4px 4px 4px  
4px #4A4262 }
```

Background

The CSS property to change the background color of an element to Hex 4A4262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4262 }
```

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

```
.background{ background-color:#4A4262 }
```

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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