

Converting Colors

Hex(4A4A66)

Have a look what the booklet for
Hex(4A4A66) contains.

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Color

Hex(4A4A66)

Conversions

Conversions Part 1

Format	Color
Hex	4A4A66
RGB	74, 74, 102
RGB Percent	29%, 29%, 40%
CMY	0.7098, 0.7098, 0.6000
CMYK	0.27, 0.27, 0.00, 0.60
HSL	240°, 16%, 35%
HSV	240°, 27%, 40%
XYZ	7.6711, 7.3127, 13.5776
YIQ	77.1920, -8.9880, 8.7080

Conversions

Conversions Part 2

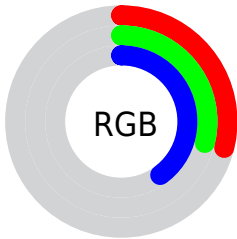
Format	Color
R _Y B	74, 74, 102
Decimal	4868710
CIE Lab	32.51, 6.99, -16.28
CIE LCh	33, 17.721, 293.229
Yxy	7.3127, 0.2686, 0.2560
Android (android.graphics.Color)	4283058790 (0xFF4A4A66)
YUV	77.1920, 12.2303, -2.7994
Hunter-Lab	27.0420, 3.3121, -10.8395

Details

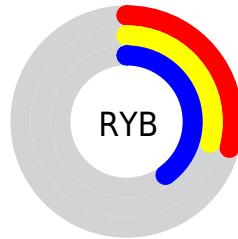
The Hex color **4A4A66** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **66664A**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7B7B99**, and **1D1E37** is the 20% darker color. If you saturate the color by 10%, you get **404066**, and if you desaturate by 10%, it is **545466**.

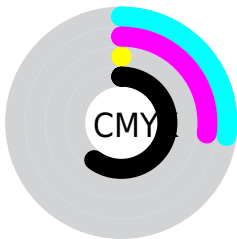
Distribution



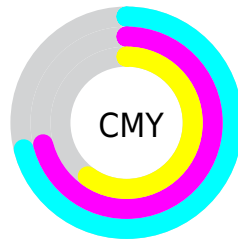
- Red (29%)
- Green (29%)
- Blue (40%)



- Red (29%)
- Yellow (29%)
- Blue (40%)



- Cyan (27%)
- Magenta (27%)
- Yellow (0%)
- Black (60%)



- Cyan (71%)
- Magenta (71%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A4A66 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 4A4A66 by changing the saturation by 10% instead.

■ 4A4A66

■ 4A4A66

FFFFFF

■ 33334E

■ 7B7B99

■ 1D1E37

■ 9594B4

■ 070522

■ B0AFCF

■ 000008

■ CCAEC

■ 000000

■ E8E6FF

■ 4A4A66

■ 4A4A66

■ 404066

■ 545466

■ 363666

■ 5E5E66

■ 2B2B66

■ 696966

■ 212166

■ 737366

■ 171766

■ 7D7D66

■ 0D0D66

■ 878766

■ 030366

■ 919166

■ 000066

■ 9C9C66

■ A6A666

Harmonies

Analogous

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



354F68



4A4A66



5B455D

Triad

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



4A4A66



644637



2B5449

Complementary

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



4A4A66



66664A

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.



3B523B



4A4A66



594B31

Square

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



4A4A66



684342



4B4F33



1F5457

Rectangle

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



4A4A66



634355



4B4F33



305444

Sweetspot

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



4A4A66



7A7A85



4A6666



3C3C42



C2C2C2



424242

Same Dimension

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



4A4A66



595985



584A66



2E2E33



000073



0000F2

Inverse Universe

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



664A66



855985



58664A



332E33



730073



F200F2

Previews

White Background



This preview shows how the Hex color 4A4A66 looks on a white background.

Color Contrast Check

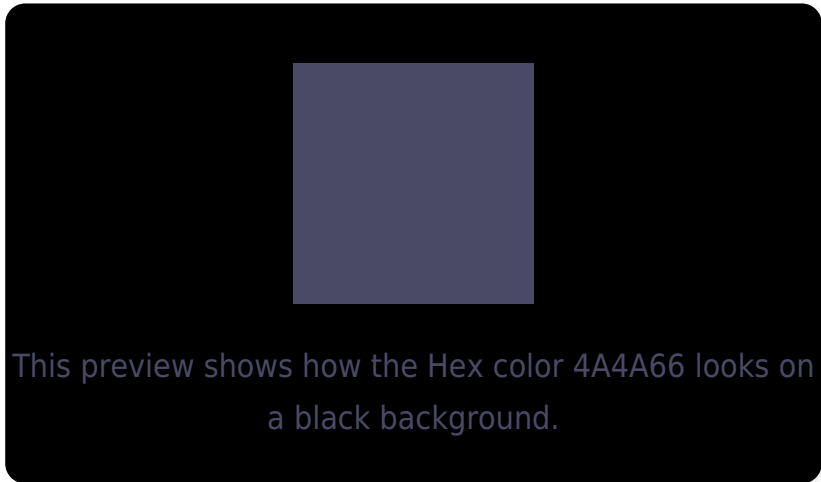
Large Text (above 18pt) WCAG AA ✓ Pass

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

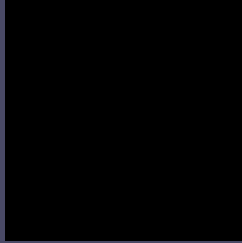
Any Text WCAG AA × Fail

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 4A4A66 Background



This preview shows how black text looks on a background with the Hex color 4A4A66.

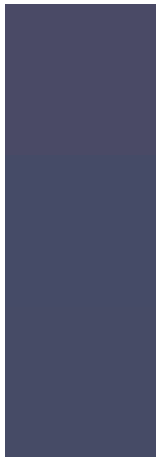


This preview shows how white text looks on a background with the Hex color 4A4A66.

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
4A4A66

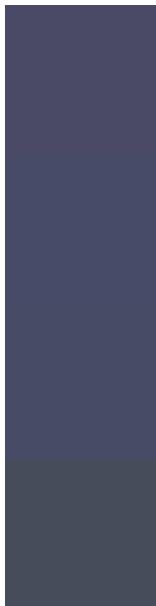
Protanopia
454B67

Deuteranopia
464B66



Tritanopia
464D54

Trichromacy



Original Color

4A4A66

Protanomaly

474B67

Deuteranomaly

474B66

Tritanomaly

474C5B

Monochromacy



Original Color

4A4A66

Achromatopsia

4D4D4D

Achromatomaly

4C4C56

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A4A66 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 #4A4A66 looks like.

```
.text, #text, p{  
    color:#4A4A66  
}
```

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 #4A4A66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4A66
}
```

Border

The CSS property to change the border of an element to Hex 4A4A66 is called "border". The border property can be set on classes, ids or directly on the HTML element.

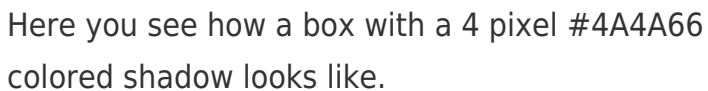
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A4A66 }
```

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

```
.border{ border-color:#4A4A66 }
```

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



Here you see how a box with a 4 pixel #4A4A66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4A66; -webkit-box-shadow:4px 4px  
4px 4px #4A4A66; box-shadow:4px 4px 4px  
4px #4A4A66 }
```

Background

The CSS property to change the background color of an element to Hex 4A4A66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4A66 }
```

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

```
.background{ background-color:#4A4A66 }
```

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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