

# Converting Colors

Hex(4A4D66)

Have a look what the booklet for  
Hex(4A4D66) contains.

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# Color

Hex(4A4D66)

# Conversions

## Conversions Part 1

Format	Color
Hex	4A4D66
RGB	74, 77, 102
RGB Percent	29%, 30%, 40%
CMY	0.7098, 0.6980, 0.6000
CMYK	0.27, 0.25, 0.00, 0.60
HSL	234°, 16%, 35%
HSV	234°, 27%, 40%
XYZ	7.8762, 7.7229, 13.6459
YIQ	78.9530, -9.8130, 7.1390

# Conversions

## Conversions Part 2

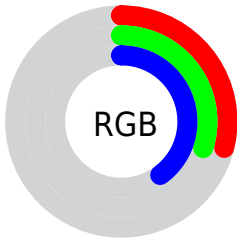
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 77, 102
Decimal	4869478
CIE Lab	33.40, 5.06, -14.92
CIE LCh	33, 15.751, 288.737
Yxy	7.7229, 0.2693, 0.2641
Android (android.graphics.Color)	4283059558 (0xFF4A4D66)
YUV	78.9530, 11.3622, -4.3438
Hunter-Lab	27.7901, 1.9572, -9.6604

# Details

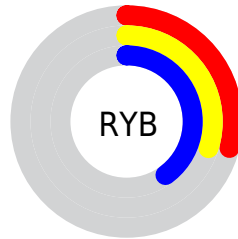
The Hex color **4A4D66** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **66634A**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **7B7E99**, and **1D2137** is the 20% darker color. If you saturate the color by 10%, you get **404466**, and if you desaturate by 10%, it is **545666**.

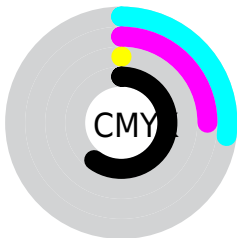
# Distribution



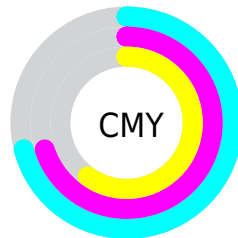
- Red (29%)
- Green (30%)
- Blue (40%)



- Red (29%)
- Yellow (30%)
- Blue (40%)



- Cyan (27%)
- Magenta (25%)
- Yellow (0%)
- Black (60%)



- Cyan (71%)
- Magenta (70%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A4D66 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 4A4D66 by changing the saturation by 10% instead.





4A4D66



4A4D66

FFFFFF



33364E



7B7E99



1D2137



9598B4



070A22



B0B2CF



000009



CCCEEC



000000



E8EAFB



4A4D66



4A4D66



404466



545666



363B66



5E5F66

■ 2B3266

■ 696866

■ 212966

■ 737166

■ 171F66

■ 7D7B66

■ 0D1666

■ 878466

■ 030D66

■ 918D66

■ 000B66

■ 9C9666

■ A69F66

# Harmonies

## Analogous

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



385167



4A4D66



5A495F

# Triad

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



4A4D66



65483C



335549

# Complementary

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



4A4D66



66634A

# 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.



41533E



4A4D66



5C4C36

# Square

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



4A4D66



684647



4F5037



2A5556

# Rectangle

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



4A4D66



624758



4F5037



385545



# Sweetspot

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



4A4D66



7A7B85



4A6663



3C3C42



C2C2C2



424242



# Same Dimension

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



4A4D66



595E85



554A66



2E2E33



000C73



001AF2



# Inverse Universe

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



664A4D



85595E



5B664A



332E2E



73000C



F2001A



# Previews

## White Background



This preview shows how the Hex color 4A4D66 looks on a white background.

## Color Contrast Check

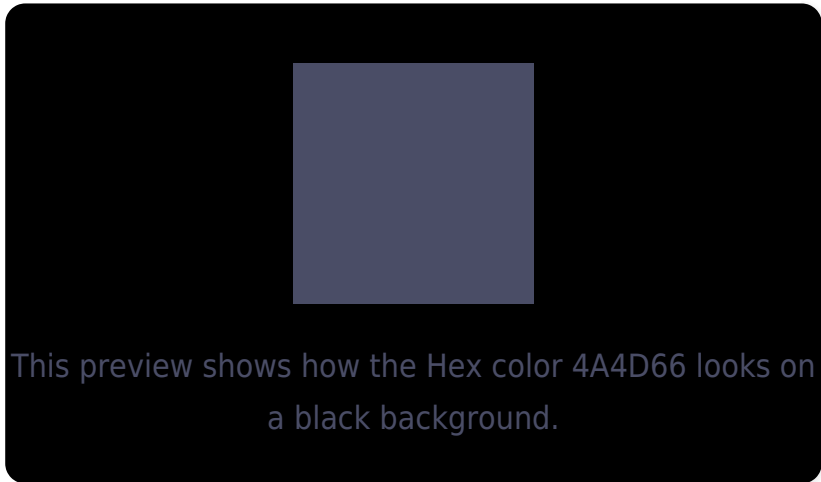
Large Text (above 18pt) WCAG AA ✓ Pass

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

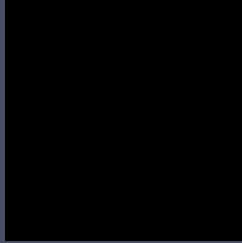
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4A4D66 Background



This preview shows how black text looks on a background with the Hex color 4A4D66.

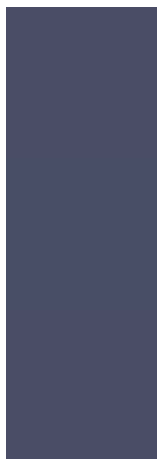


This preview shows how white text looks on a background with the Hex color 4A4D66.

# 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**

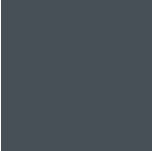
4A4D66

**Protanopia**

484E66

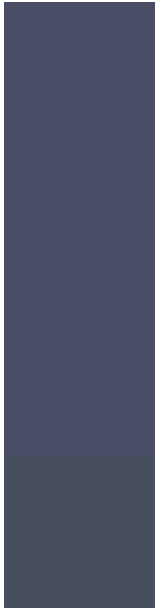
**Deuteranopia**

4A4D66



**Tritanopia**  
475056

# Trichromacy



**Original Color**

4A4D66

**Protanomaly**

494E66

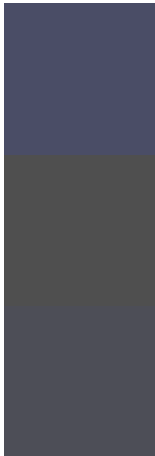
**Deuteranomaly**

4A4D66

**Tritanomaly**

484F5C

# Monochromacy



**Original Color**

4A4D66

**Achromatopsia**

4F4F4F

**Achromatomaly**

4D4E57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A4D66 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 #4A4D66 looks like.

```
.text, #text, p{  
    color:#4A4D66  
}
```

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 #4A4D66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4D66
}
```

## Border

The CSS property to change the border of an element to Hex 4A4D66 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
#4A4D66 }
```

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

```
.border{ border-color:#4A4D66 }
```

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

Here you see how a box with a 4 pixel #4A4D66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4D66; -webkit-box-shadow:4px 4px  
4px 4px #4A4D66; box-shadow:4px 4px 4px  
4px #4A4D66 }
```

# Background

The CSS property to change the background color of an element to Hex 4A4D66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4D66 }
```

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

```
.background{ background-color:#4A4D66 }
```

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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