

# Converting Colors

Hex(4A4D56)

Have a look what the booklet for  
Hex(4A4D56) contains.

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# Color

**Hex(4A4D56)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A4D56
RGB	74, 77, 86
RGB Percent	29%, 30%, 34%
CMY	0.7098, 0.6980, 0.6627
CMYK	0.14, 0.10, 0.00, 0.66
HSL	225°, 8%, 31%
HSV	225°, 14%, 34%
XYZ	7.1576, 7.4355, 9.8620
YIQ	77.1290, -4.6770, 2.1630

# Conversions

## Conversions Part 2

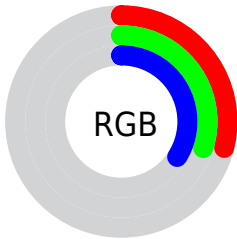
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 76, 86
Decimal	4869462
CIELab	32.78, 0.89, -5.72
CIELCh	33, 5.787, 278.876
Yxy	7.4355, 0.2927, 0.3040
Android (android.graphics.Color)	4283059542 (0xFF4A4D56)
YUV	77.1290, 4.3734, -2.7441
Hunter-Lab	27.2681, -0.8645, -2.3557

# Details

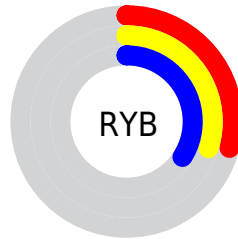
The Hex color **4A4D56** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **56534A**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7B7E88**, and **1E2129** is the 20% darker color. If you saturate the color by 10%, you get **414756**, and if you desaturate by 10%, it is **535356**.

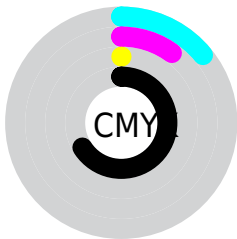
# Distribution



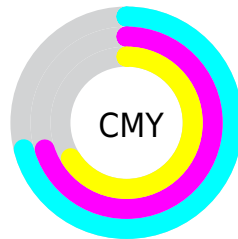
- Red (29%)
- Green (30%)
- Blue (34%)



- Red (29%)
- Yellow (30%)
- Blue (34%)



- Cyan (14%)
- Magenta (10%)
- Yellow (0%)
- Black (66%)



- Cyan (71%)
- Magenta (70%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A4D56 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 4A4D56 by changing the saturation by 10% instead.





4A4D56



4A4D56

FFFFFF



33363F



7B7E88



1E2129



9598A2



060A15



AFB2BD



000000



CBCED9



E7EAF5



4A4D56



4A4D56



414756



535356



394056



5B5A56

■ 303A56

■ 646056

■ 283356

■ 6C6756

■ 1F2D56

■ 756D56

■ 162656

■ 7E7456

■ 0E2056

■ 867A56

■ 051956

■ 8F8156

■ 001556

■ 978756

# Harmonies

## Analogous

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



454E55



4A4D56



504C54

# Triad

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



4A4D56



574B48



45504A

# Complementary

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



4A4D56



56534A

# 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.



4A4F46



4A4D56



544C45

# Square

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



4A4D56



574A4C



4F4D44



42504E

# Rectangle

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



4A4D56



534B52



4F4D44



474F48



# Sweetspot

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



4A4D56



6C6D70



4A5653



353638



B8B8B8



383838



# Same Dimension

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



4A4D56



5D6270



4D4A56



27282B



001B6B



003BEB



# Inverse Universe

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



564A4D



705D62



53564A



2B2728



6B001B

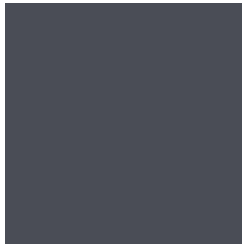


EB003B



# Previews

## White Background



This preview shows how the Hex color 4A4D56 looks on a white background.

## Color Contrast Check

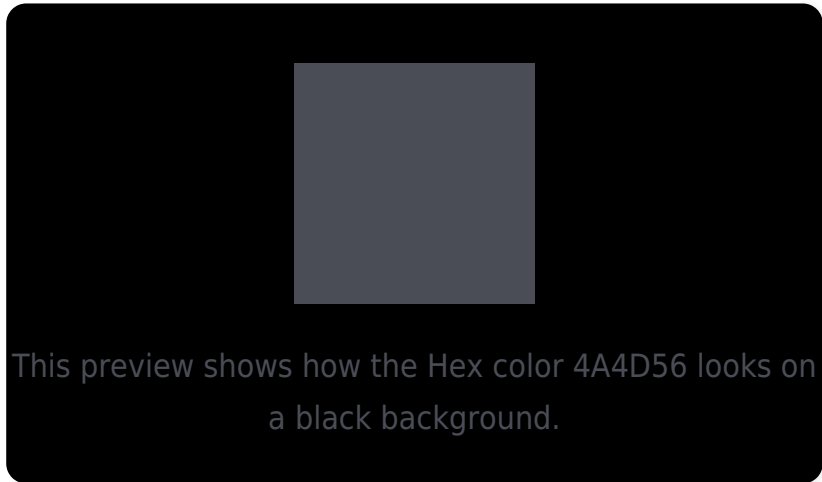
Large Text (above 18pt) WCAG AA ✓ Pass

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

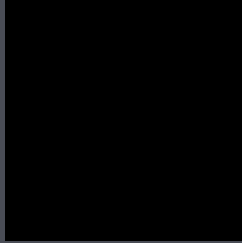
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

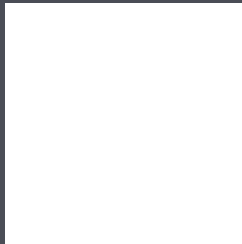
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4A4D56 Background



This preview shows how black text looks on a background with the Hex color 4A4D56.



This preview shows how white text looks on a background with the Hex color 4A4D56.

# 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**  
4A4D56

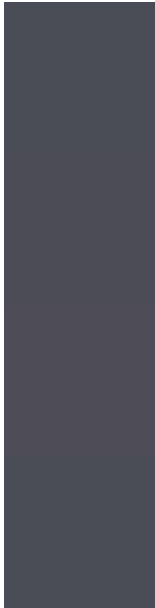
**Protanopia**  
4C4C56

**Deuteranopia**  
504B56



**Tritanopia**  
4A4D54

# Trichromacy



**Original Color**

4A4D56

**Protanomaly**

4B4C56

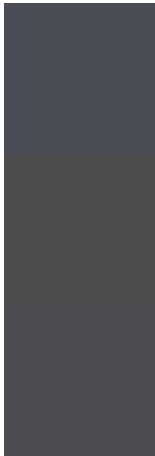
**Deuteranomaly**

4E4C56

**Tritanomaly**

4A4D55

# Monochromacy



**Original Color**

4A4D56

**Achromatopsia**

4D4D4D

**Achromatomaly**

4C4D50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A4D56 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 #4A4D56 looks like.

```
.text, #text, p{  
    color:#4A4D56  
}
```

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 #4A4D56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4D56
}
```

## Border

The CSS property to change the border of an element to Hex 4A4D56 is called "border". The border property can be set on classes, ids or directly on the HTML element.

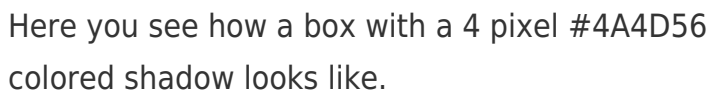
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A4D56 }
```

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

```
.border{ border-color:#4A4D56 }
```

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



Here you see how a box with a 4 pixel #4A4D56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4D56; -webkit-box-shadow:4px 4px  
4px 4px #4A4D56; box-shadow:4px 4px 4px  
4px #4A4D56 }
```

# Background

The CSS property to change the background color of an element to Hex 4A4D56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4D56 }
```

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

```
.background{ background-color:#4A4D56 }
```

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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