

# Converting Colors

Hex(4F555B)

Have a look what the booklet for  
Hex(4F555B) contains.

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# Color

**Hex(4F555B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F555B
RGB	79, 85, 91
RGB Percent	31%, 33%, 36%
CMY	0.6902, 0.6667, 0.6431
CMYK	0.13, 0.07, 0.00, 0.64
HSL	210°, 7%, 33%
HSV	210°, 13%, 36%
XYZ	8.3613, 8.9146, 11.1775
YIQ	83.8900, -5.5020, 0.5940

# Conversions

## Conversions Part 2

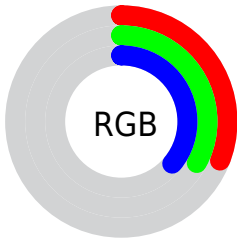
Format	Color
<b>R<sub>YB</sub></b>	79, 83, 91
Decimal	5199195
CIE Lab	35.82, -0.99, -4.30
CIE LCh	36, 4.415, 257.087
Yxy	8.9146, 0.2939, 0.3133
Android (android.graphics.Color)	4283389275 (0xFF4F555B)
YUV	83.8900, 3.5052, -4.2885
Hunter-Lab	29.8573, -2.2630, -1.2960

# Details

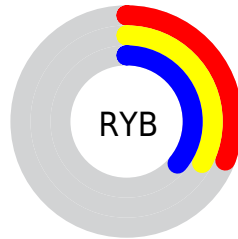
The Hex color **4F555B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5B554F**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **80878D**, and **23282D** is the 20% darker color. If you saturate the color by 10%, you get **46505B**, and if you desaturate by 10%, it is **585A5B**.

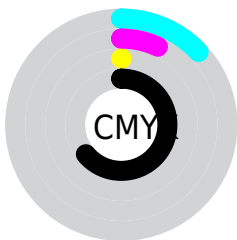
# Distribution



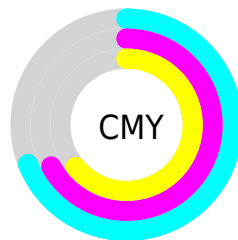
- Red (31%)
- Green (33%)
- Blue (36%)



- Red (31%)
- Yellow (33%)
- Blue (36%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (64%)



- Cyan (69%)
- Magenta (67%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F555B 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 4F555B by changing the saturation by 10% instead.





4F555B



4F555B

FFFFFF



383E44



80878D



23282D



9AA1A7



0D1419



B5BCC3



000000



D1D7DF



EDF4FB



4F555B



4F555B



46505B



585A5B



3D4C5B



615E5B

■ 34475B

■ 6A635B

■ 2B435B

■ 73675B

■ 223E5B

■ 7D6C5B

■ 183A5B

■ 86705B

■ 0F355B

■ 8F755B

■ 06315B

■ 98795B

■ 002E5B

■ A17E5B

# Harmonies

## Analogous

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



4C5659



4F555B



53545B

# Triad

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



4F555B



5C5252



51564F

# Complementary

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



4F555B



5B54F

# 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.



5554D



4F555B



5B524F

# Square

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



4F555B



5B5256



59534D



4D5653

# Rectangle

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



4F555B



56535A



59534D



52554F



# Sweetspot

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



4F555B



717375



4F5B55



38393B



BABABA



3B3B3B



# Same Dimension

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



4F555B



636C75



4F4F5B



292C2E



00376E



0077ED



# Inverse Universe

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



5B4F55



75636C



5B5B4F



2E292C



6E0037



ED0077



# Previews

## White Background



This preview shows how the Hex color 4F555B looks on a white background.

## Color Contrast Check

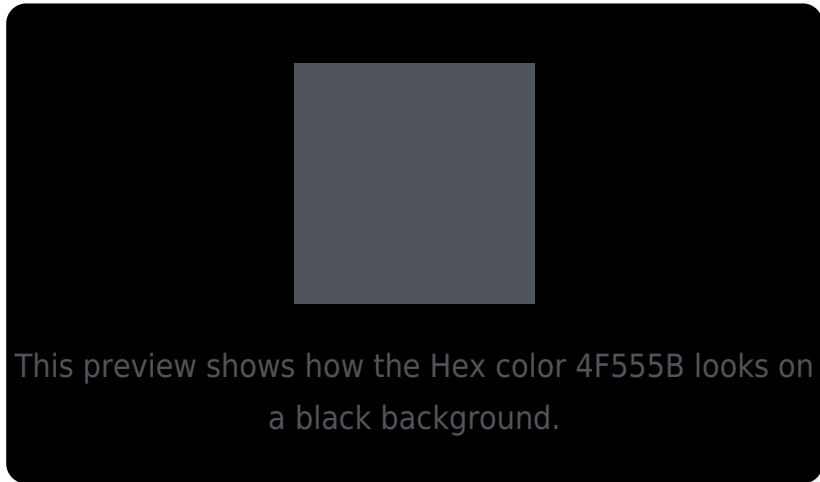
Large Text (above 18pt) WCAG AA ✓ Pass

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

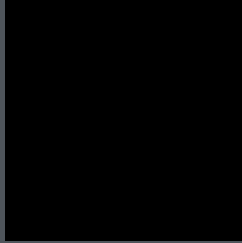
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

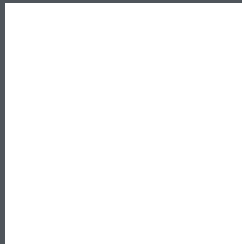
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4F555B Background



This preview shows how black text looks on a background with the Hex color 4F555B.



This preview shows how white text looks on a background with the Hex color 4F555B.

# 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**  
4F555B

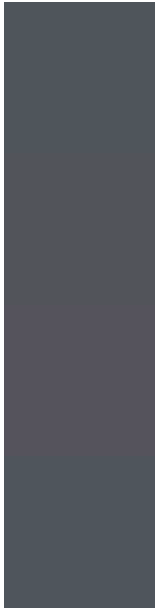
**Protanopia**  
54545A

**Deuteranopia**  
59525C



**Tritanopia**  
4F555C

# Trichromacy



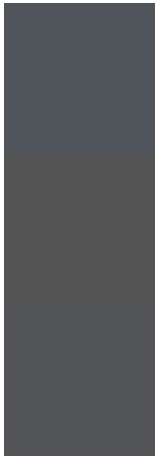
**Original Color**  
4F555B

**Protanomaly**  
52545A

**Deuteranomaly**  
55535C

**Tritanomaly**  
4F555C

# Monochromacy



**Original Color**  
4F555B

**Achromatopsia**  
545454

**Achromatomaly**  
525457

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F555B 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 #4F555B looks like.

```
.text, #text, p{  
    color:#4F555B  
}
```

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 #4F555B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F555B
}
```

## Border

The CSS property to change the border of an element to Hex 4F555B is called "border". The border property can be set on classes, ids or directly on the HTML element.

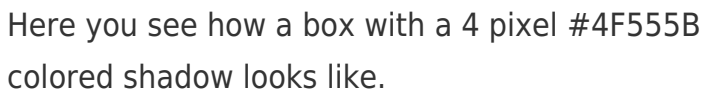
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F555B }
```

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

```
.border{ border-color:#4F555B }
```

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



Here you see how a box with a 4 pixel #4F555B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F555B; -webkit-box-shadow:4px 4px  
4px 4px #4F555B; box-shadow:4px 4px 4px  
4px #4F555B }
```

# Background

The CSS property to change the background color of an element to Hex 4F555B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F555B }
```

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

```
.background{ background-color:#4F555B }
```

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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