

# Converting Colors

Hex(4F5259)

Have a look what the booklet for  
Hex(4F5259) contains.

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# Color

**Hex(4F5259)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F5259
RGB	79, 82, 89
RGB Percent	31%, 32%, 35%
CMY	0.6902, 0.6784, 0.6510
CMYK	0.11, 0.08, 0.00, 0.65
HSL	222°, 6%, 33%
HSV	222°, 11%, 35%
XYZ	8.0449, 8.4181, 10.6520
YIQ	81.9010, -4.0350, 1.5410

# Conversions

## Conversions Part 2

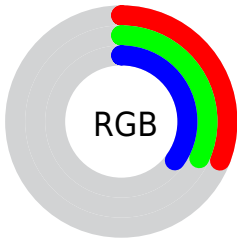
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 81, 89
Decimal	5198425
CIELab	34.84, 0.40, -4.50
CIElCh	35, 4.520, 275.060
Yxy	8.4181, 0.2967, 0.3105
Android (android.graphics.Color)	4283388505 (0xFF4F5259)
YUV	81.9010, 3.4998, -2.5442
Hunter-Lab	29.0140, -1.2805, -1.4576

# Details

The Hex color **4F5259** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **59564F**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **80838B**, and **23252C** is the 20% darker color. If you saturate the color by 10%, you get **464C59**, and if you desaturate by 10%, it is **585859**.

# Distribution



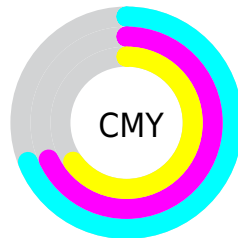
- Red (31%)
- Green (32%)
- Blue (35%)



- Red (31%)
- Yellow (32%)
- Blue (35%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)
- Black (65%)



- Cyan (69%)
- Magenta (68%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F5259 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 4F5259 by changing the saturation by 10% instead.





4F5259



4F5259

FFFFFF



383B42



80838B



23252C



9A9DA5



0D1117



B5B8C0



000000



D0D4DC



EDF0F9



4F5259



4F5259



464C59



585859



3D4659



615E59

■ 343F59

■ 6A6559

■ 2B3959

■ 736B59

■ 233359

■ 7C7159

■ 1A2D59

■ 847759

■ 112659

■ 8D7E59

■ 082059

■ 968459

■ 001B59

■ 9F8A59

# Harmonies

## Analogous

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



4B5358



4F5259



535158

# Triad

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



4F5259



5A504E



4C544F

# Complementary

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



4F5259



59564F

# 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.



50534C



4F5259



58514C

# Square

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



4F5259



5A5051



54524B



4A5452

# Rectangle

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



4F5259



565056



54524B



4D544E



# Sweetspot

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



4F5259



6F7073



4F5956



38393B



BABABA



3B3B3B



# Same Dimension

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



4F5259



646873



514F59



27282B



00206B



0046EB



# Inverse Universe

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



594F52



736468



57594F



2B2728



6B0020

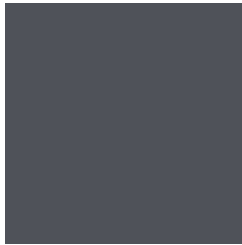


EB0046



# Previews

## White Background



This preview shows how the Hex color 4F5259 looks on a white background.

## Color Contrast Check

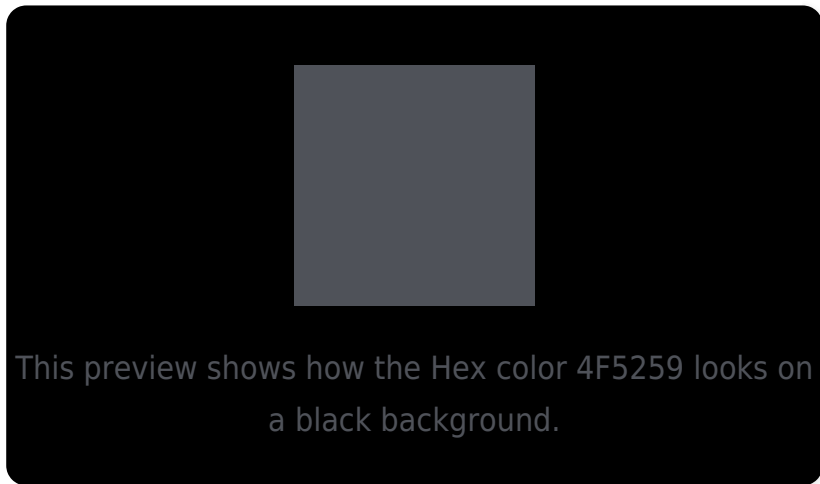
Large Text (above 18pt) WCAG AA ✓ Pass

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

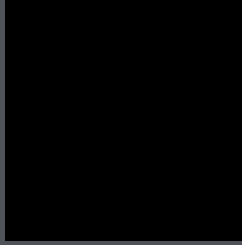
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

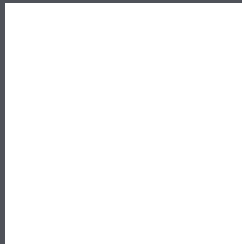
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4F5259 Background



This preview shows how black text looks on a background with the Hex color 4F5259.



This preview shows how white text looks on a background with the Hex color 4F5259.

# 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**  
4F5259

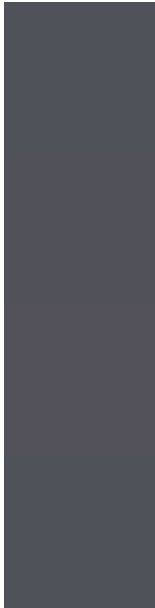
**Protanopia**  
515159

**Deuteranopia**  
565059



**Tritanopia**  
4F5259

# Trichromacy



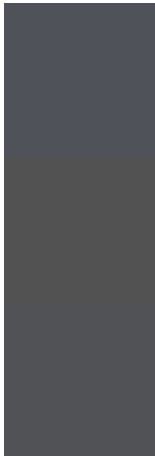
**Original Color**  
4F5259

**Protanomaly**  
505159

**Deuteranomaly**  
535159

**Tritanomaly**  
4F5259

# Monochromacy



**Original Color**  
4F5259

**Achromatopsia**  
525252

**Achromatomaly**  
515255

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F5259 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 #4F5259 looks like.

```
.text, #text, p{  
    color:#4F5259  
}
```

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 #4F5259 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F5259
}
```

## Border

The CSS property to change the border of an element to Hex 4F5259 is called "border". The border property can be set on classes, ids or directly on the HTML element.

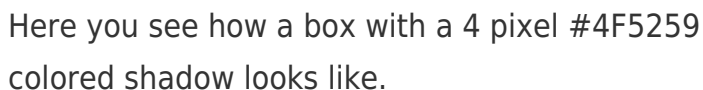
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F5259 }
```

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

```
.border{ border-color:#4F5259 }
```

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



Here you see how a box with a 4 pixel #4F5259 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F5259; -webkit-box-shadow:4px 4px  
4px 4px #4F5259; box-shadow:4px 4px 4px  
4px #4F5259 }
```

# Background

The CSS property to change the background color of an element to Hex 4F5259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F5259 }
```

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

```
.background{ background-color:#4F5259 }
```

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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