

# Converting Colors

Hex(4F6A56)

Have a look what the booklet for  
Hex(4F6A56) contains.

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# Color

**Hex(4F6A56)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F6A56
RGB	79, 106, 86
RGB Percent	31%, 42%, 34%
CMY	0.6902, 0.5843, 0.6627
CMYK	0.25, 0.00, 0.19, 0.58
HSL	136°, 15%, 36%
HSV	136°, 25%, 42%
XYZ	10.0582, 12.6422, 10.7142
YIQ	95.6470, -9.6720, -11.9440

# Conversions

## Conversions Part 2

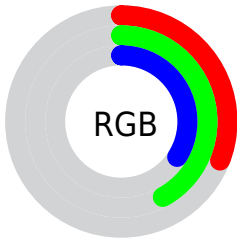
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 100, 106
Decimal	5204566
CIELab	42.22, -14.44, 8.04
CIELCh	42, 16.533, 150.889
Yxy	12.6422, 0.3010, 0.3783
Android (android.graphics.Color)	4283394646 (0xFF4F6A56)
YUV	95.6470, -4.7560, -14.5994
Hunter-Lab	35.5559, -11.7280, 7.0231

# Details

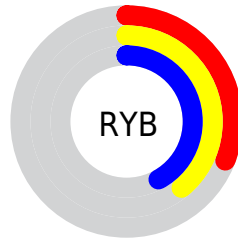
The Hex color **4F6A56** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A4F63**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **819D88**, and **213B29** is the 20% darker color. If you saturate the color by 10%, you get **446A4E**, and if you desaturate by 10%, it is **5A6A5E**.

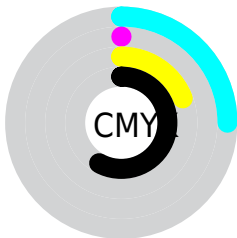
# Distribution



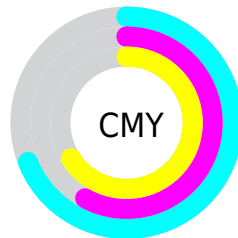
- Red (31%)
- Green (42%)
- Blue (34%)



- Red (31%)
- Yellow (39%)
- Blue (42%)



- Cyan (25%)
- Magenta (0%)
- Yellow (19%)
- Black (58%)



- Cyan (69%)
- Magenta (58%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F6A56 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 4F6A56 by changing the saturation by 10% instead.





4F6A56



4F6A56

FFFFFF



38523F



819D88



213B29



9BB8A2



0C2514



B6D4BD



000F00



D2F0D9



000000



EEFF5



4F6A56



4F6A56



446A4E



5A6A5E



3A6A46



646A66

■ 2F6A3E

■ 6F6A6E

■ 256A37

■ 796A75

■ 1A6A2F

■ 846A7D

■ 0F6A27

■ 8F6A85

■ 056A1F

■ 996A8D

■ 006A1B

■ A46A95

■ AE6A9D

# Harmonies

## Analogous

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



5F674C



4F6A56



426B64

# Triad

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



4F6A56



54657F



7F5B56

# Complementary

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



4F6A56



6A4F63

# 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.



7E5A64



4F6A56



66607B

# Square

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



4F6A56



43697B



765C71



795E4C

# Rectangle

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



4F6A56



3D6B6D



765C71



805A5B



# Sweetspot

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



4F6A56



7F8A82



636A4F



3E4540



C4C4C4



454545



# Same Dimension

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



4F6A56



5F8A6A



4F6A63



303632



00751E



00F53F



# Inverse Universe

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



6A4F63



8A5F7F



6A4F56



363034



750057



F500B5



# Previews

## White Background



This preview shows how the Hex color 4F6A56 looks on a white background.

## Color Contrast Check

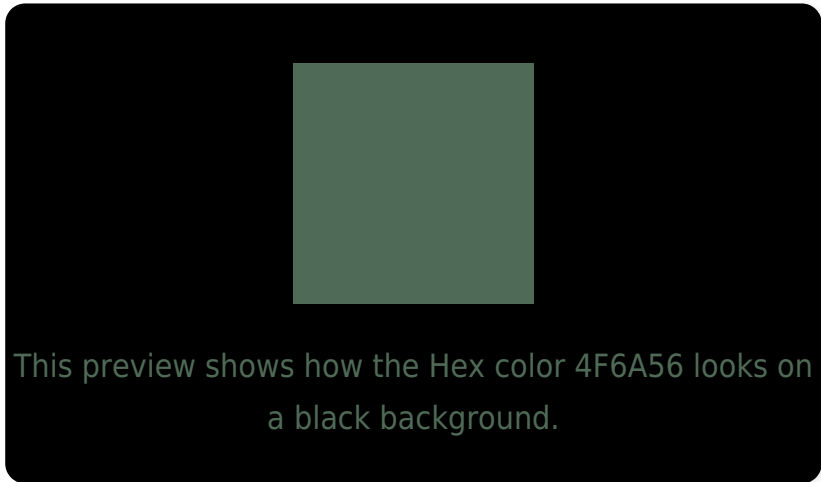
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

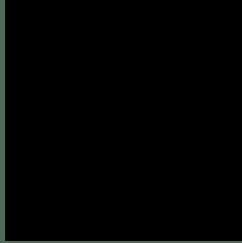
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F6A56 Background



This preview shows how black text looks on a background with the Hex color 4F6A56.



This preview shows how white text looks on a background with the Hex color 4F6A56.

# 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**

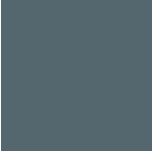
4F6A56

**Protanopia**

696353

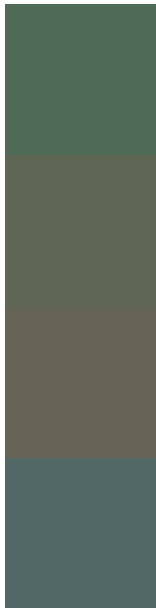
**Deuteranopia**

716058



**Tritanopia**  
54676F

# Trichromacy



**Original Color**  
4F6A56

**Protanomaly**  
606654

**Deuteranomaly**  
656457

**Tritanomaly**  
526866

# Monochromacy



**Original Color**  
4F6A56

**Achromatopsia**  
606060

**Achromatomaly**  
5A645C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F6A56 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 #4F6A56 looks like.

```
.text, #text, p{  
    color:#4F6A56  
}
```

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 #4F6A56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F6A56
}
```

## Border

The CSS property to change the border of an element to Hex 4F6A56 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
#4F6A56 }
```

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

```
.border{ border-color:#4F6A56 }
```

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

Here you see how a box with a 4 pixel #4F6A56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F6A56; -webkit-box-shadow:4px 4px  
4px 4px #4F6A56; box-shadow:4px 4px 4px  
4px #4F6A56 }
```

# Background

The CSS property to change the background color of an element to Hex 4F6A56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F6A56 }
```

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

```
.background{ background-color:#4F6A56 }
```

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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