

Converting Colors

Hex(4F6266)

Have a look what the booklet for
Hex(4F6266) contains.

Hex(4F6266)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4F6266)

Conversions

Conversions Part 1

Format	Color
Hex	4F6266
RGB	79, 98, 102
RGB Percent	31%, 38%, 40%
CMY	0.6902, 0.6157, 0.6000
CMYK	0.23, 0.04, 0.00, 0.60
HSL	190°, 13%, 35%
HSV	190°, 23%, 40%
XYZ	9.9904, 11.3569, 14.2359
YIQ	92.7750, -12.6080, -2.7840

Conversions

Conversions Part 2

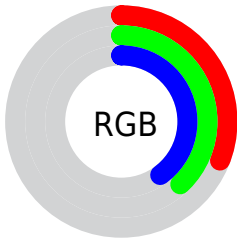
Format	Color
R_{YB}	79, 89, 102
Decimal	5202534
CIE Lab	40.18, -6.17, -4.66
CIE LCh	40, 7.727, 217.045
Yxy	11.3569, 0.2808, 0.3192
Android (android.graphics.Color)	4283392614 (0xFF4F6266)
YUV	92.7750, 4.5479, -12.0807
Hunter-Lab	33.7001, -6.0587, -1.4559

Details

The Hex color **4F6266** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **66534F**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **819599**, and **223437** is the 20% darker color. If you saturate the color by 10%, you get **456066**, and if you desaturate by 10%, it is **596466**.

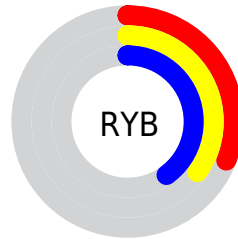
Distribution



Red (31%)

Green (38%)

Blue (40%)



Red (31%)

Yellow (35%)

Blue (40%)

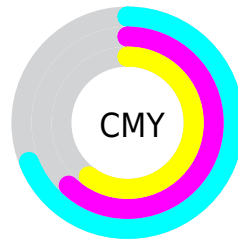


Cyan (23%)

Magenta (4%)

Yellow (0%)

Black (60%)



Cyan (69%)

Magenta (62%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F6266 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 4F6266 by changing the saturation by 10% instead.

■ 4F6266

■ 4F6266

FFFFFF

■ 384A4E

■ 819599

■ 223437

■ 9BAFB4

■ 0D1E22

■ B6CBCF

■ 00020C

■ D1E7EB

■ 000000

■ EFFFFFF

■ 4F6266

■ 4F6266

■ 456066

■ 596466

■ 3B5E66

■ 636666

■ 305D66

■ 6E6766

■ 265B66

■ 786966

■ 1C5966

■ 826B66

■ 125766

■ 8C6D66

■ 085666

■ 966E66

■ 005466

■ A17066

■ AB7266

Harmonies

Analogous

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



506260



4F6266



53616A

Triad

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



4F6266



685B64



625F52

Complementary

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



4F6266



66534F

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.



685D53



4F6266



6C5A5D

Square

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



4F6266



625D69



6C5B57



5B6155

Rectangle

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



4F6266



575F6B



6C5B57



655E52

Sweetspot

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



4F6266



7B8385



4F6653



3D4142



C2C2C2



424242

Same Dimension

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



4F6266



617E85



4F5766



2E3233



005F73



00C8F2

Inverse Universe

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



664F62



85617E



665E4F



332E32



73005F



F200C8

Previews

White Background



This preview shows how the Hex color 4F6266 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

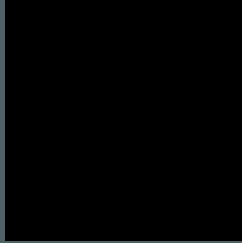
Any Text WCAG AA × Fail

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 4F6266 Background



This preview shows how black text looks on a background with the Hex color 4F6266.



This preview shows how white text looks on a background with the Hex color 4F6266.

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
4F6266

Protanopia
5F5E64

Deuteranopia
645C67



Tritanopia
506169

Trichromacy



Original Color
4F6266

Protanomaly
595F65

Deuteranomaly
5C5E67

Tritanomaly
506168

Monochromacy



Original Color
4F6266

Achromatopsia
5D5D5D

Achromatomaly
585F60

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F6266 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 #4F6266 looks like.

```
.text, #text, p{  
    color:#4F6266  
}
```

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 #4F6266 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F6266
}
```

Border

The CSS property to change the border of an element to Hex 4F6266 is called "border". The border property can be set on classes, ids or directly on the HTML element.

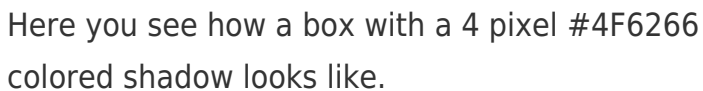
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F6266 }
```

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

```
.border{ border-color:#4F6266 }
```

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



Here you see how a box with a 4 pixel #4F6266 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F6266; -webkit-box-shadow:4px 4px  
4px 4px #4F6266; box-shadow:4px 4px 4px  
4px #4F6266 }
```

Background

The CSS property to change the background color of an element to Hex 4F6266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F6266 }
```

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

```
.background{ background-color:#4F6266 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor