

Converting Colors

Hex(4F6259)

Have a look what the booklet for
Hex(4F6259) contains.

Hex(4F6259)	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(4F6259)

Conversions

Conversions Part 1

Format	Color
Hex	4F6259
RGB	79, 98, 89
RGB Percent	31%, 38%, 35%
CMY	0.6902, 0.6157, 0.6510
CMYK	0.19, 0.00, 0.09, 0.62
HSL	152°, 11%, 35%
HSV	152°, 19%, 38%
XYZ	9.3953, 11.1189, 11.1022
YIQ	91.2930, -8.4350, -6.8270

Conversions

Conversions Part 2

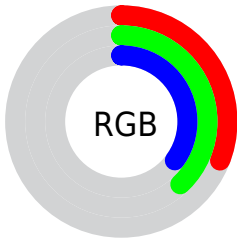
Format	Color
R_{YB}	79, 91, 98
Decimal	5202521
CIE _{Lab}	39.78, -9.25, 2.74
CIE _{LCh}	40, 9.642, 163.511
Yxy	11.1189, 0.2972, 0.3517
Android (android.graphics.Color)	4283392601 (0xFF4F6259)
YUV	91.2930, -1.1304, -10.7810
Hunter-Lab	33.3450, -8.0595, 3.6010

Details

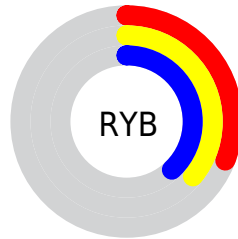
The Hex color **4F6259** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **624F58**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **80958B**, and **22342C** is the 20% darker color. If you saturate the color by 10%, you get **456254**, and if you desaturate by 10%, it is **59625E**.

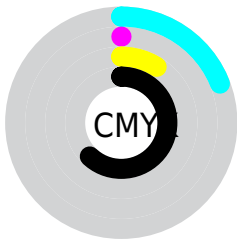
Distribution



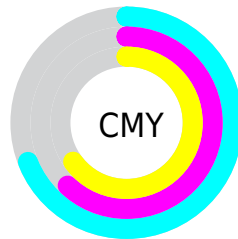
- Red (31%)
- Green (38%)
- Blue (35%)



- Red (31%)
- Yellow (36%)
- Blue (38%)



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (62%)



- Cyan (69%)
- Magenta (62%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F6259 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 4F6259 by changing the saturation by 10% instead.

■ 4F6259

■ 4F6259

FFFFFF

■ 384A42

■ 80958B

■ 22342C

■ 9AAFA5

■ 0E1E17

■ B5CBC0

■ 000000

■ D1E7DC

■ EDFFF9

■ 4F6259

■ 4F6259

■ 456254

■ 59625E

■ 3B6250

■ 636262

■ 32624B

■ 6C6267

■ 286246

■ 76626C

■ 1E6242

■ 806270

■ 14623D

■ 8A6275

■ 0A6239

■ 946279

■ 016234

■ 9D627E

■ 006234

■ A76283

Harmonies

Analogous

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



576152



4F6259



4A6261

Triad

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



4F6259



5A5D6D



6D5953

Complementary

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



4F6259



624F58

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.



6E585A



4F6259



645B69

Square

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



4F6259



50606D



6B5962



685C4F

Rectangle

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



4F6259



496266



6B5962



6E5955

Sweetspot

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



4F6259



78807C



58624F



3B403E



BFBFBF



404040

Same Dimension

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



4F6259



628072



4F6262



2C302E



00703B



00F07E

Inverse Universe

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



624F58



806270



624F4F



302C2E



700035



F00072

Previews

White Background



This preview shows how the Hex color 4F6259 looks on a white background.

Color Contrast Check

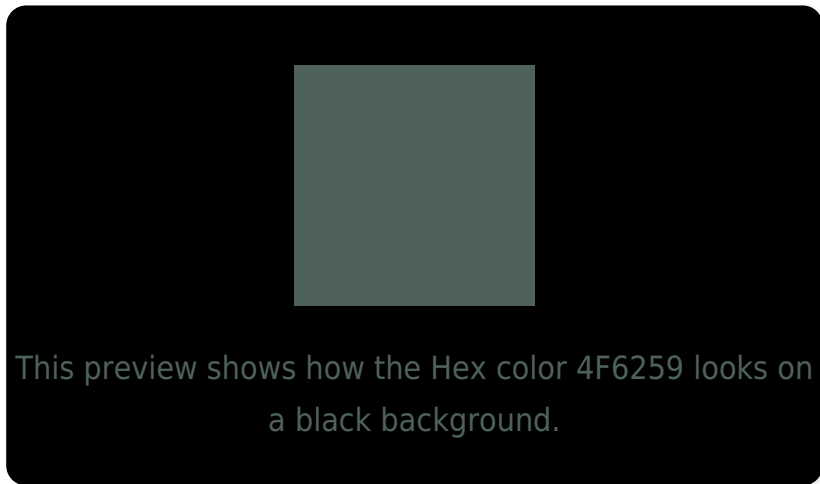
Large Text (above 18pt) WCAG AA ✓ Pass

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

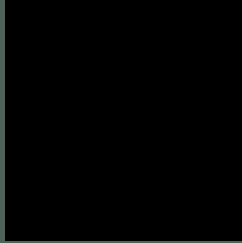
Any Text WCAG AA × Fail

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 4F6259 Background



This preview shows how black text looks on a background with the Hex color 4F6259.



This preview shows how white text looks on a background with the Hex color 4F6259.

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
4F6259

Protanopia
615D56

Deuteranopia
685A5B



Tritanopia
526068

Trichromacy



Original Color
4F6259

Protanomaly
5A5F57

Deuteranomaly
5F5D5A

Tritanomaly
516163

Monochromacy



Original Color
4F6259

Achromatopsia
5B5B5B

Achromatomaly
575E5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F6259 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 #4F6259 looks like.

```
.text, #text, p{  
    color:#4F6259  
}
```

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 #4F6259 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F6259
}
```

Border

The CSS property to change the border of an element to Hex 4F6259 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
#4F6259 }
```

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

```
.border{ border-color:#4F6259 }
```

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

Here you see how a box with a 4 pixel #4F6259 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F6259; -webkit-box-shadow:4px 4px  
4px 4px #4F6259; box-shadow:4px 4px 4px  
4px #4F6259 }
```

Background

The CSS property to change the background color of an element to Hex 4F6259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F6259 }
```

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

```
.background{ background-color:#4F6259 }
```

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