

Converting Colors

Hex(4F4765)

Have a look what the booklet for
Hex(4F4765) contains.

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Color

Hex(4F4765)

Conversions

Conversions Part 1

Format	Color
Hex	4F4765
RGB	79, 71, 101
RGB Percent	31%, 28%, 40%
CMY	0.6902, 0.7216, 0.6039
CMYK	0.22, 0.30, 0.00, 0.60
HSL	256°, 17%, 34%
HSV	256°, 30%, 40%
XYZ	7.8267, 7.1083, 13.2715
YIQ	76.8120, -4.8620, 11.0260

Conversions

Conversions Part 2

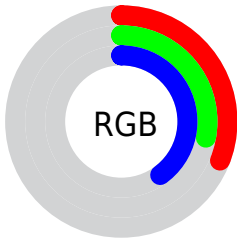
Format	Color
R_{YB}	79, 71, 101
Decimal	5195621
CIE _{Lab}	32.05, 10.41, -16.31
CIE _{LCh}	32, 19.351, 302.533
Yxy	7.1083, 0.2775, 0.2520
Android (android.graphics.Color)	4283385701 (0xFF4F4765)
YUV	76.8120, 11.9247, 1.9189
Hunter-Lab	26.6614, 5.7424, -10.8502

Details

The Hex color **4F4765** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5D6547**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **817798**, and **221C36** is the 20% darker color. If you saturate the color by 10%, you get **483D65**, and if you desaturate by 10%, it is **565165**.

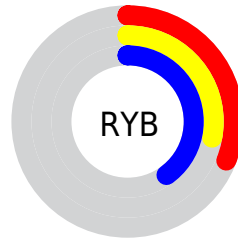
Distribution



Red (31%)

Green (28%)

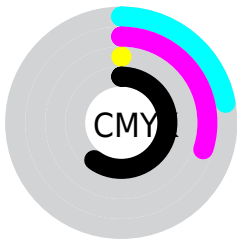
Blue (40%)



Red (31%)

Yellow (28%)

Blue (40%)

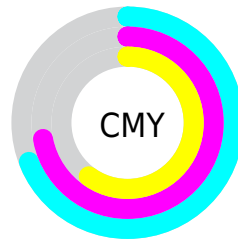


Cyan (22%)

Magenta (30%)

Yellow (0%)

Black (60%)



Cyan (69%)

Magenta (72%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F4765 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 4F4765 by changing the saturation by 10% instead.

■ 4F4765

■ 4F4765

FFFFFF

■ 38314D

■ 817798

■ 221C36

■ 9B91B3

■ 0E0121

■ B6ACCE

■ 000006

■ D1C7EB

■ 000000

■ EEE3FF

■ 4F4765

■ 4F4765

■ 483D65

■ 565165

■ 403365

■ 5E5B65

■ 392965

■ 656565

■ 311F65

■ 6D6F65

■ 2A1565

■ 747A65

■ 230A65

■ 7B8465

■ 1B0065

■ 838E65

■ 8A9865

■ 92A265

Harmonies

Analogous

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



384C6A



4F4765



60425A

Triad

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



4F4765



614631



20544C

Complementary

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



4F4765



5D6547

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.



32523D



4F4765



544B2D

Square

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



4F4765



68413C



444F31



14535B

Rectangle

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



4F4765



664050



444F31



265347

Sweetspot

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



4F4765



797682



475D65



3D3B42



C2C2C2



424242

Same Dimension

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



4F4765



605382



5E4765



2F2E33



1F0073



4100F2

Inverse Universe

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



65475D



825376



4E6547



332E32



730054



F200B2

Previews

White Background



This preview shows how the Hex color 4F4765 looks on a white background.

Color Contrast Check

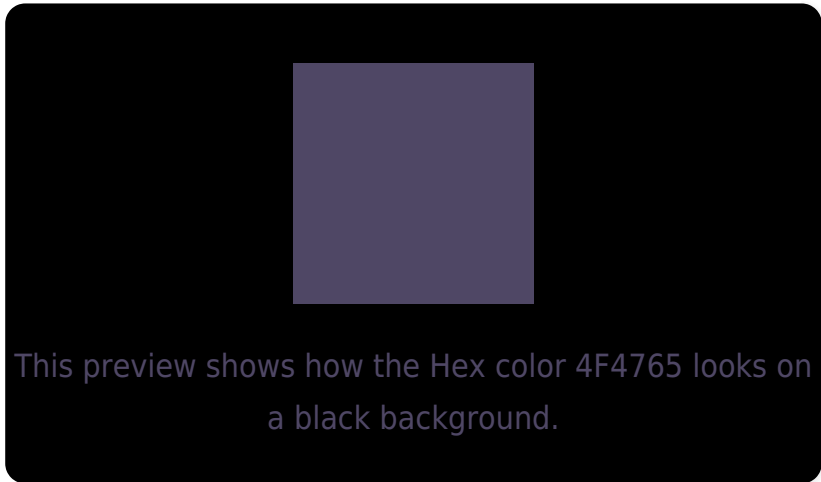
Large Text (above 18pt) WCAG AA ✓ Pass

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

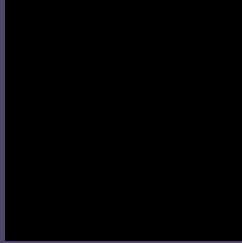
Any Text WCAG AA × Fail

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 4F4765 Background



This preview shows how black text looks on a background with the Hex color 4F4765.

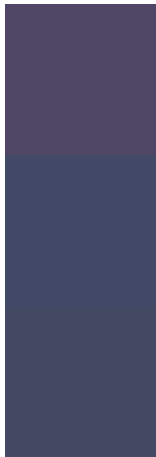


This preview shows how white text looks on a background with the Hex color 4F4765.

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
4F4765

Protanopia
434A68

Deuteranopia
454A64



Tritanopia
4B4B51

Trichromacy



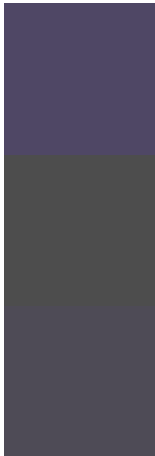
Original Color
4F4765

Protanomaly
474967

Deuteranomaly
494964

Tritanomaly
4C4A58

Monochromacy



Original Color
4F4765

Achromatopsia
4D4D4D

Achromatomaly
4E4B56

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F4765 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 #4F4765 looks like.

```
.text, #text, p{  
    color:#4F4765  
}
```

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 #4F4765 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F4765  
}
```

Border

The CSS property to change the border of an element to Hex 4F4765 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".

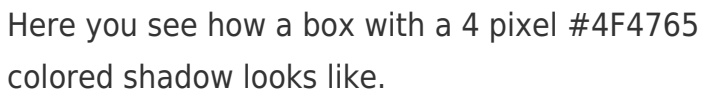
```
.border, #border, table{ border:4px solid  
#4F4765 }
```

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

```
.border{ border-color:#4F4765 }
```

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

Here you see how a box with a 4 pixel #4F4765 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F4765; -webkit-box-shadow:4px 4px  
4px 4px #4F4765; box-shadow:4px 4px 4px  
4px #4F4765 }
```

Background

The CSS property to change the background color of an element to Hex 4F4765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F4765 }
```

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

```
.background{ background-color:#4F4765 }
```

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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