

Converting Colors

Hex(4F456C)

Have a look what the booklet for
Hex(4F456C) contains.

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Color

Hex(4F456C)

Conversions

Conversions Part 1

Format	Color
Hex	4F456C
RGB	79, 69, 108
RGB Percent	31%, 27%, 42%
CMY	0.6902, 0.7294, 0.5765
CMYK	0.27, 0.36, 0.00, 0.58
HSL	255°, 22%, 35%
HSV	255°, 36%, 42%
XYZ	8.0593, 7.0012, 15.1140
YIQ	76.4360, -6.5590, 14.2490

Conversions

Conversions Part 2

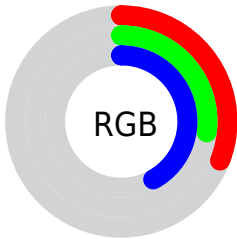
Format	Color
R_{YB}	79, 69, 108
Decimal	5195116
CIE _{Lab}	31.81, 13.59, -21.12
CIE _{LCh}	32, 25.116, 302.749
Yxy	7.0012, 0.2671, 0.2320
Android (android.graphics.Color)	4283385196 (0xFF4F456C)
YUV	76.4360, 15.5611, 2.2486
Hunter-Lab	26.4598, 8.0643, -15.3448

Details

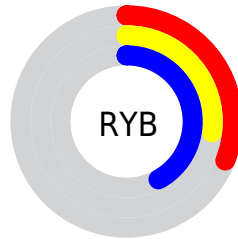
The Hex color **4F456C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **626C45**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **8175A0**, and **211A3C** is the 20% darker color. If you saturate the color by 10%, you get **473A6C**, and if you desaturate by 10%, it is **57506C**.

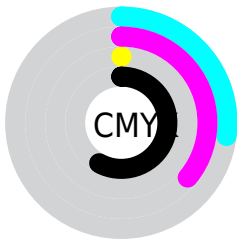
Distribution



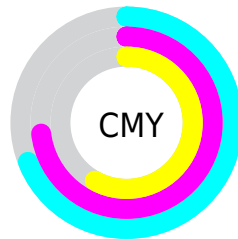
- Red (31%)
- Green (27%)
- Blue (42%)



- Red (31%)
- Yellow (27%)
- Blue (42%)



- Cyan (27%)
- Magenta (36%)
- Yellow (0%)
- Black (58%)



- Cyan (69%)
- Magenta (73%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F456C 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 4F456C by changing the saturation by 10% instead.



4F456C



4F456C

FFFFFF



372F54



8175A0



211A3C



9B8FBB



0E0027



B6A9D6



000110



D2C5F3



000000



EFE1FF



FFFDFF



4F456C



4F456C



473A6C



57506C

■ 3F2F6C

■ 5F5B6C

■ 37256C

■ 67656C

■ 2F1A6C

■ 6F706C

■ 270F6C

■ 777B6C

■ 1F046C

■ 7F866C

■ 1C006C

■ 87916C

■ 8F9B6C

■ 97A66C

Harmonies

Analogous

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



2E4C72



4F456C



653E5D

Triad

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



4F456C



654328



00554C

Complementary

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



4F456C



626C45

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.



285438



4F456C



554A23

Square

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



4F456C



6F3D37



415029



005460

Rectangle

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



4F456C



6D3B50



415029



105545

Sweetspot

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



4F456C



817D8C



45626C



403E47



C7C7C7



474747

Same Dimension

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



4F456C



5F508C



62456C



323036



1E0075



3F00F5

Inverse Universe

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



6C4562



8C507D



4F6C45



363034



750057



F500B6

Previews

White Background



This preview shows how the Hex color 4F456C looks on a white background.

Color Contrast Check

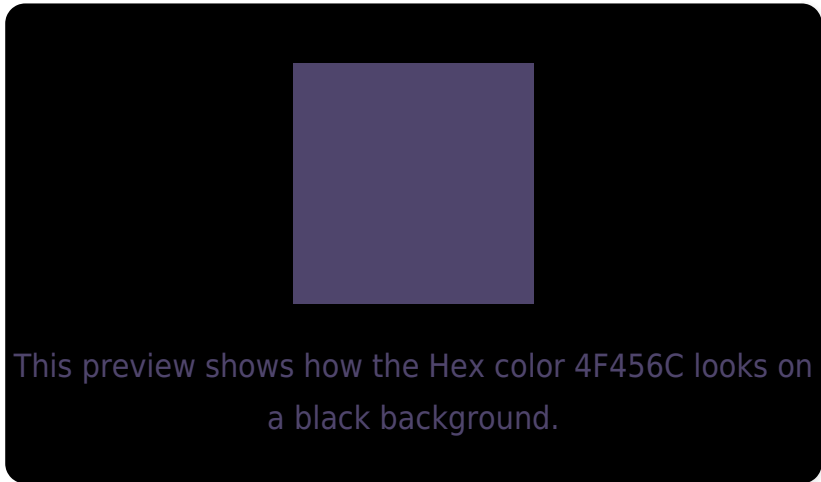
Large Text (above 18pt) WCAG AA ✓ Pass

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

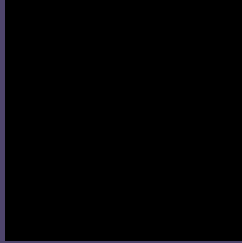
Any Text WCAG AA × Fail

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 4F456C Background



This preview shows how black text looks on a background with the Hex color 4F456C.

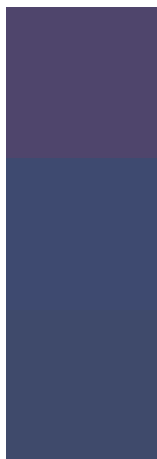


This preview shows how white text looks on a background with the Hex color 4F456C.

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
4F456C

Protanopia
3E4A70

Deuteranopia
3F4A6B



Tritanopia
4A4B51

Trichromacy



Original Color
4F456C

Protanomaly
44486F

Deuteranomaly
45486B

Tritanomaly
4C495B

Monochromacy



Original Color
4F456C

Achromatopsia
4C4C4C

Achromatomaly
4D4958

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F456C 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 #4F456C looks like.

```
.text, #text, p{  
    color:#4F456C  
}
```

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 #4F456C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F456C
}
```

Border

The CSS property to change the border of an element to Hex 4F456C is called "border". The border property can be set on classes, ids or directly on the HTML element.

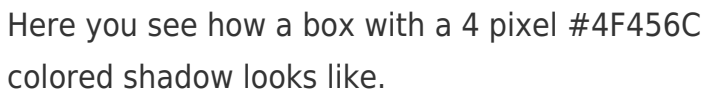
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F456C }
```

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

```
.border{ border-color:#4F456C }
```

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



Here you see how a box with a 4 pixel #4F456C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F456C; -webkit-box-shadow:4px 4px  
4px 4px #4F456C; box-shadow:4px 4px 4px  
4px #4F456C }
```

Background

The CSS property to change the background color of an element to Hex 4F456C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F456C }
```

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

```
.background{ background-color:#4F456C }
```

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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