

Converting Colors

Hex(4F6584)

Have a look what the booklet for
Hex(4F6584) contains.

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Color

Hex(4F6584)

Conversions

Conversions Part 1

Format	Color
Hex	4F6584
RGB	79, 101, 132
RGB Percent	31%, 40%, 52%
CMY	0.6902, 0.6039, 0.4824
CMYK	0.40, 0.23, 0.00, 0.48
HSL	215°, 25%, 41%
HSV	215°, 40%, 52%
XYZ	12.0430, 12.6356, 23.6340
YIQ	97.9560, -23.0630, 4.9770

Conversions

Conversions Part 2

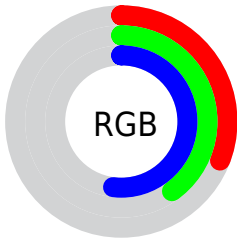
Format	Color
R_{YB}	79, 95, 132
Decimal	5203332
CIE _{Lab}	42.21, 0.23, -19.84
CIE _{LCh}	42, 19.837, 270.668
Yxy	12.6356, 0.2493, 0.2615
Android (android.graphics.Color)	4283393412 (0xFF4F6584)
YUV	97.9560, 16.7837, -16.6244
Hunter-Lab	35.5465, -1.7316, -14.5378

Details

The Hex color **4F6584** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **846E4F**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8298B9**, and **1E3652** is the 20% darker color. If you saturate the color by 10%, you get **425D84**, and if you desaturate by 10%, it is **5C6D84**.

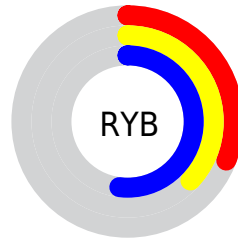
Distribution



Red (31%)

Green (40%)

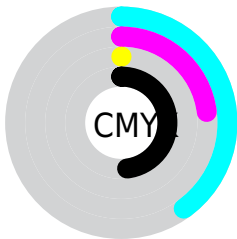
Blue (52%)



Red (31%)

Yellow (37%)

Blue (52%)

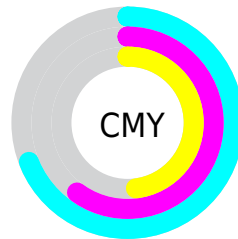


Cyan (40%)

Magenta (23%)

Yellow (0%)

Black (48%)



Cyan (69%)

Magenta (60%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F6584 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 4F6584 by changing the saturation by 10% instead.



4F6584



4F6584

FFFFFF



364D6B



8298B9



1E3652



9DB2D5



02213B



B8CEF1



000A26



D4EAFF



00010F



F1FFFF



000000



4F6584



4F6584



425D84



5C6D84



355684



697484

■ 274E84

■ 777C84

■ 1A4684

■ 848484

■ 0D3E84

■ 918C84

■ 003784

■ 9E9384

■ AB9B84

■ B9A384

■ C6AA84

Harmonies

Analogous

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



396A80



4F6584



665F80

Triad

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



4F6584



845954



4A6B53

Complementary

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



4F6584



846E4F

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.



5D6847



4F6584



7C5D48

Square

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



4F6584



835864



6F6343



396D63

Rectangle

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



4F6584



745C78



6F6343



516A4E

Sweetspot

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



4F6584



969FAB



4F846E



4B5057



D6D6D6



575757

Same Dimension

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



4F6584



597BAB



534F84



3C3E42



003682



000103

Inverse Universe

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



844F65



AB597B



80844F



423C3E



820036



030001

Previews

White Background



This preview shows how the Hex color 4F6584 looks on a white background.

Color Contrast Check

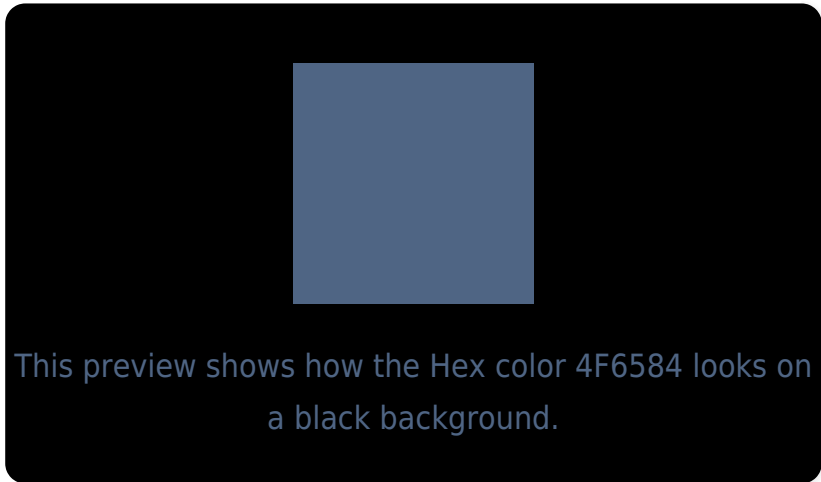
Large Text (above 18pt) WCAG AA ✓ Pass

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

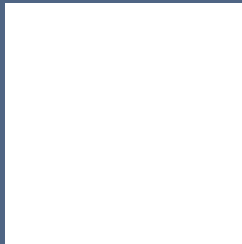
Any Text WCAG AAA × Fail

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

Hex 4F6584 Background



This preview shows how black text looks on a background with the Hex color 4F6584.

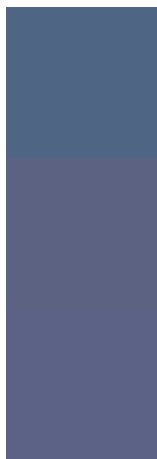


This preview shows how white text looks on a background with the Hex color 4F6584.

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


4F6584

Protanopia

5B6282

Deuteranopia

5B6285



Tritanopia
4A6871

Trichromacy



Original Color
4F6584

Protanomaly
576383

Deuteranomaly
576385

Tritanomaly
4C6778

Monochromacy



Original Color
4F6584

Achromatopsia
626262

Achromatomaly
5B636E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F6584 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 #4F6584 looks like.

```
.text, #text, p{  
    color:#4F6584  
}
```

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 #4F6584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F6584
}
```

Border

The CSS property to change the border of an element to Hex 4F6584 is called "border". The border property can be set on classes, ids or directly on the HTML element.

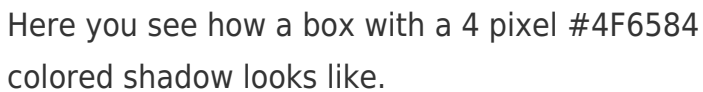
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F6584 }
```

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

```
.border{ border-color:#4F6584 }
```

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



Here you see how a box with a 4 pixel #4F6584 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F6584; -webkit-box-shadow:4px 4px  
4px 4px #4F6584; box-shadow:4px 4px 4px  
4px #4F6584 }
```

Background

The CSS property to change the background color of an element to Hex 4F6584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F6584 }
```

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

```
.background{ background-color:#4F6584 }
```

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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