

Converting Colors

Hex(4F6580)

Have a look what the booklet for
Hex(4F6580) contains.

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Color

Hex(4F6580)

Conversions

Conversions Part 1

Format	Color
Hex	4F6580
RGB	79, 101, 128
RGB Percent	31%, 40%, 50%
CMY	0.6902, 0.6039, 0.4980
CMYK	0.38, 0.21, 0.00, 0.50
HSL	213°, 24%, 41%
HSV	213°, 38%, 50%
XYZ	11.7744, 12.5281, 22.2197
YIQ	97.5000, -21.7790, 3.7330

Conversions

Conversions Part 2

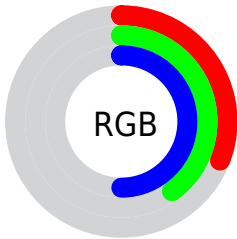
Format	Color
R_{YB}	79, 94, 128
Decimal	5203328
CIE _{Lab}	42.04, -0.94, -17.67
CIE _{LCh}	42, 17.698, 266.967
Yxy	12.5281, 0.2531, 0.2693
Android (android.graphics.Color)	4283393408 (0xFF4F6580)
YUV	97.5000, 15.0365, -16.2245
Hunter-Lab	35.3951, -2.5623, -12.4434

Details

The Hex color **4F6580** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **806A4F**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8298B5**, and **1F364F** is the 20% darker color. If you saturate the color by 10%, you get **425E80**, and if you desaturate by 10%, it is **5C6C80**.

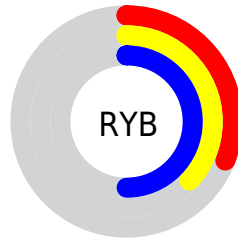
Distribution



Red (31%)

Green (40%)

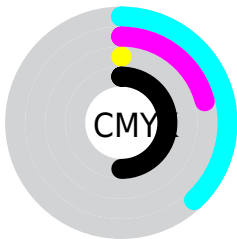
Blue (50%)



Red (31%)

Yellow (37%)

Blue (50%)

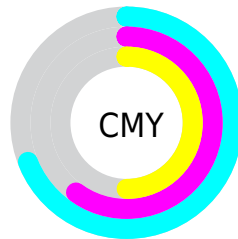


Cyan (38%)

Magenta (21%)

Yellow (0%)

Black (50%)



Cyan (69%)

Magenta (60%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F6580 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 4F6580 by changing the saturation by 10% instead.

■ 4F6580

■ 4F6580

FFFFFF

■ 374D67

■ 8298B5

■ 1F364F

■ 9CB2D0

■ 042138

■ B8CEED

■ 000A22

■ D4EAFF

■ 00000A

■ F0FFFF

■ 000000

■ 4F6580

■ 4F6580

■ 425E80

■ 5C6C80

■ 355780

■ 697380

■ 295080

■ 757A80

■ 1C4980

■ 828180

■ 0F4280

■ 8F8880

■ 023B80

■ 9C8F80

■ 003980

■ A99680

■ B59D80

■ C2A480

Harmonies

Analogous

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



3D697B



4F6580



64607D

Triad

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



4F6580



815957



4F6A53

Complementary

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



4F6580



806A4F

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.



606649



4F6580



7B5D4B

Square

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



4F6580



7F5965



6F6246



406B61

Rectangle

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



4F6580



705D77



6F6246



55694F

Sweetspot

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



4F6580



949CA6



4F806A



494E54



D4D4D4



545454

Same Dimension

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



4F6580



5A7CA6



514F80



393C40



003980



000000

Inverse Universe

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



804F65



A65A7C



7E804F



40393C



800039



000000

Previews

White Background



This preview shows how the Hex color 4F6580 looks on a white background.

Color Contrast Check

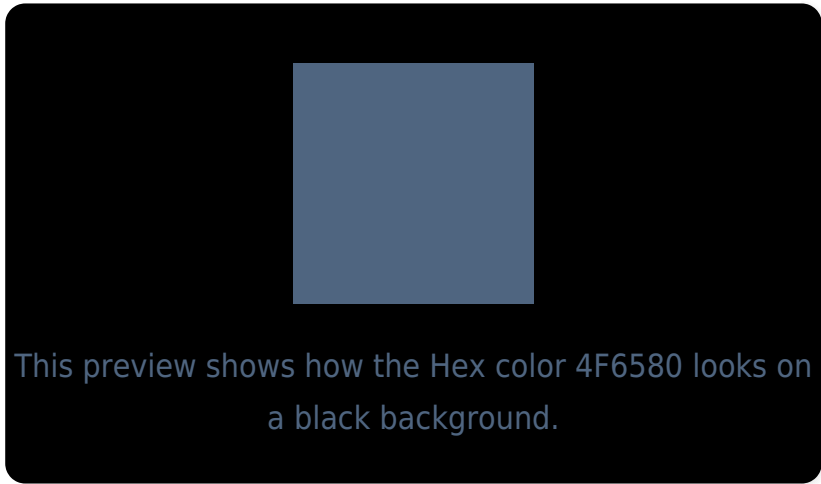
Large Text (above 18pt) WCAG AA ✓ Pass

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

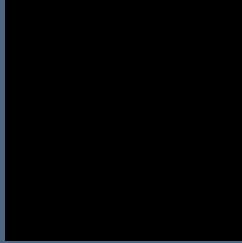
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

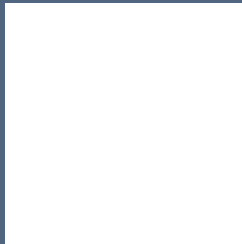
Any Text WCAG AAA × Fail

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

Hex 4F6580 Background



This preview shows how black text looks on a background with the Hex color 4F6580.

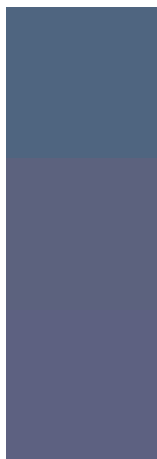


This preview shows how white text looks on a background with the Hex color 4F6580.

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
4F6580

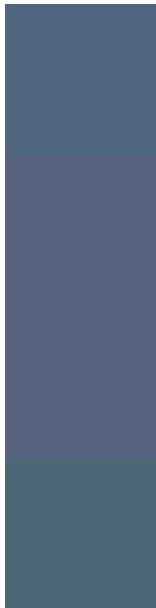
Protanopia
5C627E

Deuteranopia
5D6181



Tritanopia
4B6870

Trichromacy



Original Color
4F6580

Protanomaly
57637F

Deuteranomaly
586281

Tritanomaly
4C6776

Monochromacy



Original Color
4F6580

Achromatopsia
626262

Achromatomaly
5B636D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F6580 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 #4F6580 looks like.

```
.text, #text, p{  
    color:#4F6580  
}
```

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 #4F6580 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F6580
}
```

Border

The CSS property to change the border of an element to Hex 4F6580 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
#4F6580 }
```

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

```
.border{ border-color:#4F6580 }
```

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

Here you see how a box with a 4 pixel #4F6580 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F6580; -webkit-box-shadow:4px 4px  
4px 4px #4F6580; box-shadow:4px 4px 4px  
4px #4F6580 }
```

Background

The CSS property to change the background color of an element to Hex 4F6580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F6580 }
```

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

```
.background{ background-color:#4F6580 }
```

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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