

# Converting Colors

Hex(4E6784)

Have a look what the booklet for  
Hex(4E6784) contains.

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# Color

**Hex(4E6784)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E6784
RGB	78, 103, 132
RGB Percent	31%, 40%, 52%
CMY	0.6941, 0.5961, 0.4824
CMYK	0.41, 0.22, 0.00, 0.48
HSL	212°, 26%, 41%
HSV	212°, 41%, 52%
XYZ	12.1570, 12.9861, 23.6956
YIQ	98.8310, -24.2090, 3.7190

# Conversions

## Conversions Part 2

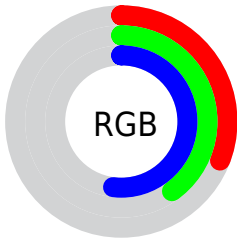
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 95, 132
Decimal	5138308
CIE <sub>Lab</sub>	42.74, -1.28, -19.02
CIE <sub>LCh</sub>	43, 19.063, 266.156
Yxy	12.9861, 0.2489, 0.2659
Android (android.graphics.Color)	4283328388 (0xFF4E6784)
YUV	98.8310, 16.3523, -18.2688
Hunter-Lab	36.0363, -2.8458, -13.7607

# Details

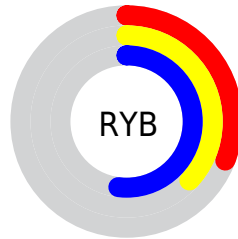
The Hex color **4E6784** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **846B4E**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **819AB9**, and **1D3852** is the 20% darker color. If you saturate the color by 10%, you get **416084**, and if you desaturate by 10%, it is **5B6E84**.

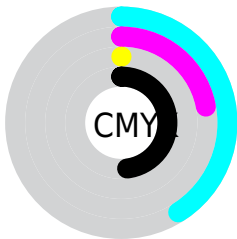
# Distribution



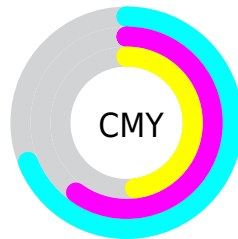
- Red (31%)
- Green (40%)
- Blue (52%)



- Red (31%)
- Yellow (37%)
- Blue (52%)



- Cyan (41%)
- Magenta (22%)
- Yellow (0%)
- Black (48%)



- Cyan (69%)
- Magenta (60%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E6784 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 4E6784 by changing the saturation by 10% instead.





4E6784



4E6784

FFFFFF



354F6B



819AB9



1D3852



9CB5D5



00233B



B7D0F1



000D26



D3ECFF



00010F



F0FFFF



000000



4E6784



4E6784



416084



5B6E84



345984



687584

■ 265284

■ 767C84

■ 194B84

■ 838384

■ 0C4484

■ 908A84

■ 003D84

■ 9D9284

■ AA9984

■ B8A084

■ C5A784

# Harmonies

## Analogous

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



3B6B7F



4E6784



656281

# Triad

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



4E6784



855A58



506C53

# Complementary

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



4E6784



846B4E

# 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.



626848



4E6784



7F5E4B

# Square

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



4E6784



825A68



726346



3F6E62

# Rectangle

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



4E6784



725E7B



726346



566B4F



# Sweetspot

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



4E6784



96A0AB



4E846B



4B5057



D6D6D6



575757



# Same Dimension

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



4E6784



577EAB



504E84



3C3F42



003C82



000103



# Inverse Universe

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



844E67



AB577E



82844E



423C3F



82003C



030001



# Previews

## White Background



This preview shows how the Hex color 4E6784 looks on a white background.

## Color Contrast Check

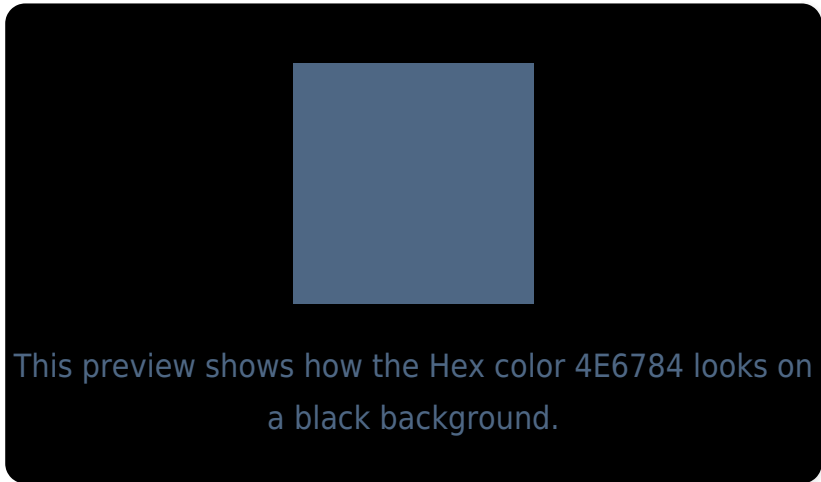
Large Text (above 18pt) WCAG AA ✓ Pass

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

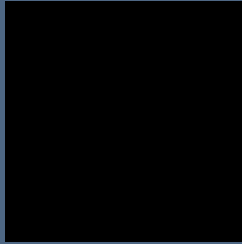
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

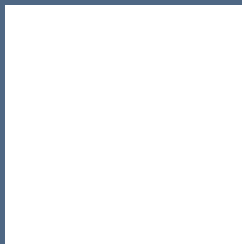
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4E6784 Background



This preview shows how black text looks on a background with the Hex color 4E6784.

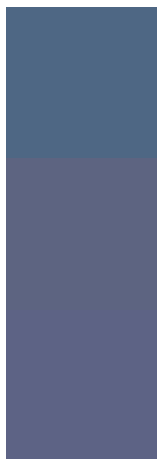


This preview shows how white text looks on a background with the Hex color 4E6784.

# 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**


4E6784

**Protanopia**

5D6481

**Deuteranopia**

5D6385



**Tritanopia**  
496A73

# Trichromacy



**Original Color**  
4E6784

**Protanomaly**  
586582

**Deuteranomaly**  
586485

**Tritanomaly**  
4B6979

# Monochromacy



**Original Color**  
4E6784

**Achromatopsia**  
636363

**Achromatomaly**  
5B646F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E6784 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 #4E6784 looks like.

```
.text, #text, p{  
    color:#4E6784  
}
```

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 #4E6784 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6784
}
```

## Border

The CSS property to change the border of an element to Hex 4E6784 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
#4E6784 }
```

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

```
.border{ border-color:#4E6784 }
```

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

Here you see how a box with a 4 pixel #4E6784 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6784; -webkit-box-shadow:4px 4px  
4px 4px #4E6784; box-shadow:4px 4px 4px  
4px #4E6784 }
```

# Background

The CSS property to change the background color of an element to Hex 4E6784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6784 }
```

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

```
.background{ background-color:#4E6784 }
```

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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