

Converting Colors

Hex(4E6197)

Have a look what the booklet for
Hex(4E6197) contains.

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Color

Hex(4E6197)

Conversions

Conversions Part 1

Format	Color
Hex	4E6197
RGB	78, 97, 151
RGB Percent	31%, 38%, 59%
CMY	0.6941, 0.6196, 0.4078
CMYK	0.48, 0.36, 0.00, 0.41
HSL	224°, 32%, 45%
HSV	224°, 48%, 59%
XYZ	13.0025, 12.4035, 30.9870
YIQ	97.4750, -28.6580, 12.7660

Conversions

Conversions Part 2

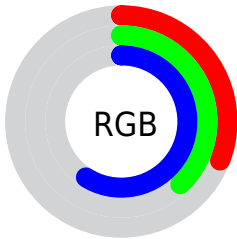
Format	Color
R_{YB}	78, 93, 151
Decimal	5136791
CIE _{Lab}	41.85, 8.28, -31.81
CIE _{LCh}	42, 32.871, 284.584
Yxy	12.4035, 0.2306, 0.2199
Android (android.graphics.Color)	4283326871 (0xFF4E6197)
YUV	97.4750, 26.3878, -17.0796
Hunter-Lab	35.2185, 4.2688, -27.5132

Details

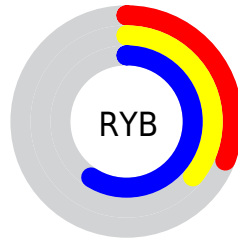
The Hex color **4E6197** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **97844E**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8393CE**, and **173364** is the 20% darker color. If you saturate the color by 10%, you get **3F5697**, and if you desaturate by 10%, it is **5D6C97**.

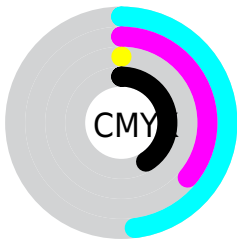
Distribution



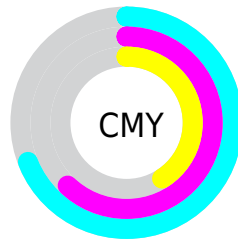
- Red (31%)
- Green (38%)
- Blue (59%)



- Red (31%)
- Yellow (36%)
- Blue (59%)



- Cyan (48%)
- Magenta (36%)
- Yellow (0%)
- Black (41%)



- Cyan (69%)
- Magenta (62%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E6197 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 4E6197 by changing the saturation by 10% instead.

■ 4E6197

■ 4E6197

FFFFFF

■ 34497D

■ 8393CE

■ 173364

■ 9EAEEA

■ 001E4B

■ BAC9FF

■ 000535

■ D6E5FF

■ 00021F

■ F3FFFF

■ 000001

■ 000000

■ 4E6197

■ 4E6197

■ 3F5697

■ 5D6C97

■ 304B97

■ 6C7797

■ 213F97

■ 7B8397

■ 123497

■ 8A8E97

■ 032997

■ 9A9997

■ 002797

■ A9A497

■ B8AF97

■ C7BA97

■ D6C697

Harmonies

Analogous

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



006A96



4E6197



765789

Triad

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



4E6197



90533E



1D7053

Complementary

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



4E6197



97844E

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.



486C3B



4E6197



7F5C2E

Square

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



4E6197



964C57



66652D



00716F

Rectangle

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



4E6197



88507A



66652D



2F6F4B

Sweetspot

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



4E6197



A7AFC4



4E9784



525663



E3E3E3



636363

Same Dimension

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



4E6197



5270C4



5F4E97



45474D



00258C



00030D

Inverse Universe

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



974E61



C45270



86974E



4D4547



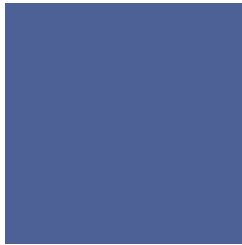
8C0025



0D0003

Previews

White Background



This preview shows how the Hex color 4E6197 looks on a white background.

Color Contrast Check

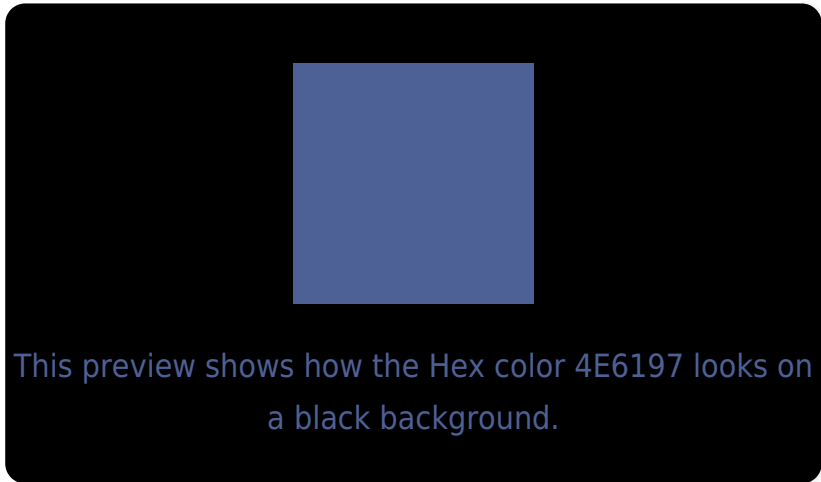
Large Text (above 18pt) WCAG AA ✓ Pass

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

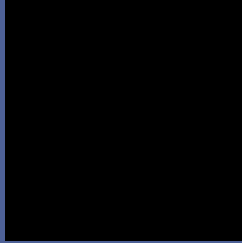
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

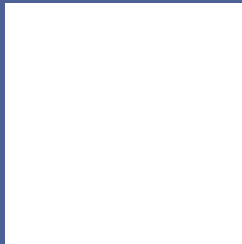
Any Text WCAG AAA × Fail

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

Hex 4E6197 Background



This preview shows how black text looks on a background with the Hex color 4E6197.

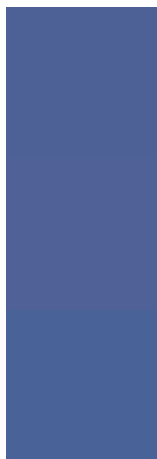


This preview shows how white text looks on a background with the Hex color 4E6197.

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


4E6197

Protanopia

4F6197

Deuteranopia

496297



Tritanopia
426971

Trichromacy



Original Color
4E6197

Protanomaly
4F6197

Deuteranomaly
4B6297

Tritanomaly
46667F

Monochromacy



Original Color
4E6197

Achromatopsia
616161

Achromatomaly
5A6175

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E6197 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 #4E6197 looks like.

```
.text, #text, p{  
    color:#4E6197  
}
```

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 #4E6197 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6197
}
```

Border

The CSS property to change the border of an element to Hex 4E6197 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
#4E6197 }
```

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

```
.border{ border-color:#4E6197 }
```

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

Here you see how a box with a 4 pixel #4E6197 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6197; -webkit-box-shadow:4px 4px  
4px 4px #4E6197; box-shadow:4px 4px 4px  
4px #4E6197 }
```

Background

The CSS property to change the background color of an element to Hex 4E6197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6197 }
```

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

```
.background{ background-color:#4E6197 }
```

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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