

Converting Colors

Hex(4E6DA2)

Have a look what the booklet for
Hex(4E6DA2) contains.

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Color

Hex(4E6DA2)

Conversions

Conversions Part 1

Format	Color
Hex	4E6DA2
RGB	78, 109, 162
RGB Percent	31%, 43%, 64%
CMY	0.6941, 0.5725, 0.3647
CMYK	0.52, 0.33, 0.00, 0.36
HSL	218°, 35%, 47%
HSV	218°, 52%, 64%
XYZ	15.1321, 15.1656, 36.3121
YIQ	105.7730, -35.4890, 9.9110

Conversions

Conversions Part 2

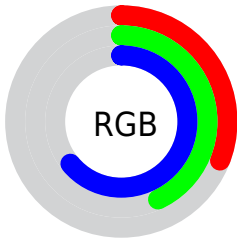
Format	Color
R_{YB}	78, 101, 162
Decimal	5139874
CIE _{Lab}	45.86, 4.35, -32.04
CIE _{LCh}	46, 32.334, 277.738
Yxy	15.1656, 0.2272, 0.2277
Android (android.graphics.Color)	4283329954 (0xFF4E6DA2)
YUV	105.7730, 27.7199, -24.3569
Hunter-Lab	38.9431, 1.2094, -28.0243

Details

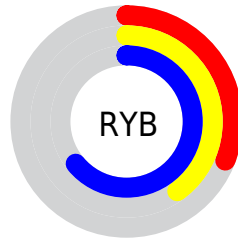
The Hex color **4E6DA2** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A2834E**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **84A0D9**, and **133E6E** is the 20% darker color. If you saturate the color by 10%, you get **3E63A2**, and if you desaturate by 10%, it is **5E77A2**.

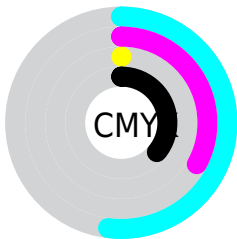
Distribution



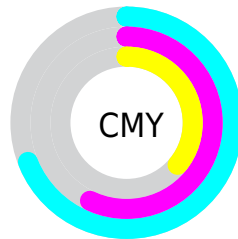
- Red (31%)
- Green (43%)
- Blue (64%)



- Red (31%)
- Yellow (40%)
- Blue (64%)



- Cyan (52%)
- Magenta (33%)
- Yellow (0%)
- Black (36%)



- Cyan (69%)
- Magenta (57%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E6DA2 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 4E6DA2 by changing the saturation by 10% instead.

■ 4E6DA2

■ 4E6DA2

FFFFFF

■ 335588

■ 84A0D9

■ 133E6E

■ 9FBBF6

■ 002855

■ BBD7FF

■ 00143E

■ D8F3FF

■ 000328

■ F5FFFF

■ 000111

■ 000000

■ 4E6DA2

■ 4E6DA2

■ 3E63A2

■ 5E77A2

■ 2E59A2

■ 6E81A2

■ 1D4EA2

■ 7F8CA2

■ 0D44A2

■ 8F96A2

■ 003CA2

■ 9FA0A2

■ AFAAA2

■ BFB5A2

■ D0BFA2

■ E0C9A2

Harmonies

Analogous

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



00759E



4E6DA2



786397

Triad

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



4E6DA2



9D5B4D



367957

Complementary

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



4E6DA2



A2834E

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.



5A7541



4E6DA2



8E643B

Square

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



4E6DA2



A05767



776D36



007B73

Rectangle

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



4E6DA2



8C5C8A



776D36



43784F

Sweetspot

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



4E6DA2



B2BED4



4EA282



575E6B



EBEBEB



6B6B6B

Same Dimension

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



4E6DA2



5081D4



584EA2



494C52



003691



000712

Inverse Universe

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



A24E6D



D45081



98A24E



52494C



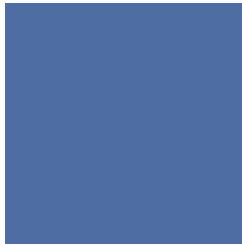
910036



120007

Previews

White Background



This preview shows how the Hex color 4E6DA2 looks on a white background.

Color Contrast Check

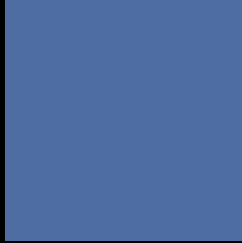
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 4E6DA2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

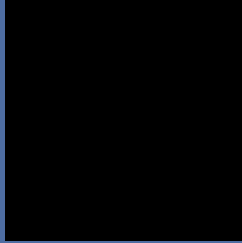
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

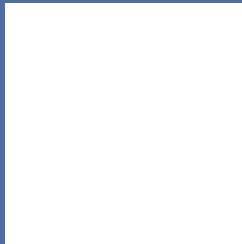
Any Text WCAG AAA × Fail

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

Hex 4E6DA2 Background



This preview shows how black text looks on a background with the Hex color 4E6DA2.



This preview shows how white text looks on a background with the Hex color 4E6DA2.

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
4E6DA2

Protanopia
5A6AA0

Deuteranopia
546CA2



Tritanopia
42747E

Trichromacy



Original Color
4E6DA2

Protanomaly
566BA1

Deuteranomaly
526CA2

Tritanomaly
46718B

Monochromacy



Original Color
4E6DA2

Achromatopsia
6A6A6A

Achromatomaly
606B7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E6DA2 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 #4E6DA2 looks like.

```
.text, #text, p{  
    color:#4E6DA2  
}
```

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 #4E6DA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6DA2
}
```

Border

The CSS property to change the border of an element to Hex 4E6DA2 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
#4E6DA2 }
```

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

```
.border{ border-color:#4E6DA2 }
```

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

Here you see how a box with a 4 pixel #4E6DA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6DA2; -webkit-box-shadow:4px 4px  
4px 4px #4E6DA2; box-shadow:4px 4px 4px  
4px #4E6DA2 }
```

Background

The CSS property to change the background color of an element to Hex 4E6DA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6DA2 }
```

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

```
.background{ background-color:#4E6DA2 }
```

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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