

Converting Colors

Hex(4E6FB1)

Have a look what the booklet for
Hex(4E6FB1) contains.

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Color

Hex(4E6FB1)

Conversions

Conversions Part 1

Format	Color
Hex	4E6FB1
RGB	78, 111, 177
RGB Percent	31%, 44%, 69%
CMY	0.6941, 0.5647, 0.3059
CMYK	0.56, 0.37, 0.00, 0.31
HSL	220°, 39%, 50%
HSV	220°, 56%, 69%
XYZ	16.7621, 16.1629, 43.8313
YIQ	108.6570, -40.8540, 13.5300

Conversions

Conversions Part 2

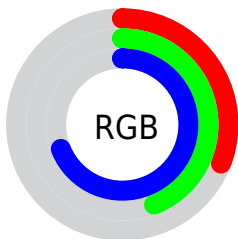
Format	Color
R_{YB}	78, 103, 177
Decimal	5140401
CIE _{Lab}	47.19, 8.03, -38.73
CIE _{LCh}	47, 39.555, 281.718
Yxy	16.1629, 0.2184, 0.2106
Android (android.graphics.Color)	4283330481 (0xFF4E6FB1)
YUV	108.6570, 33.6931, -26.8862
Hunter-Lab	40.2031, 4.0677, -36.4985

Details

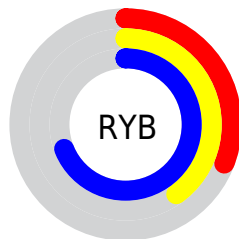
The Hex color **4E6FB1** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B1904E**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **86A2E9**, and **09407C** is the 20% darker color. If you saturate the color by 10%, you get **3C63B1**, and if you desaturate by 10%, it is **607BB1**.

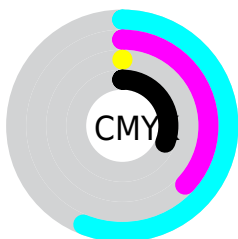
Distribution



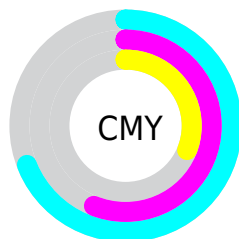
- Red (31%)
- Green (44%)
- Blue (69%)



- Red (31%)
- Yellow (40%)
- Blue (69%)



- Cyan (56%)
- Magenta (37%)
- Yellow (0%)
- Black (31%)



- Cyan (69%)
- Magenta (56%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E6FB1 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 4E6FB1 by changing the saturation by 10% instead.

■ 4E6FB1

■ 4E6FB1

FFFFFF

■ 315796

■ 86A2E9

■ 09407C

■ A2BDFF

■ 002A63

■ BED9FF

■ 00174A

■ DBF5FF

■ 000433

■ F9FFFF

■ 00021D

■ 000000

■ 4E6FB1

■ 4E6FB1

■ 3C63B1

■ 607BB1

■ 2B57B1

■ 7187B1

■ 194CB1

■ 8392B1

■ 0740B1

■ 959EB1

■ 003BB1

■ A7AAB1

■ B8B6B1

■ CAC2B1

■ DCCDB1

■ EDD9B1

Harmonies

Analogous

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



0079AF



4E6FB1



8362A2

Triad

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



4E6FB1



A85B45



197F5A

Complementary

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



4E6FB1



B1904E

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.



527A3C



4E6FB1



946730

Square

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



4E6FB1



AE5364



77722B



00817C

Rectangle

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



4E6FB1



9A5A90



77722B



327E4F

Sweetspot

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



4E6FB1



BECBE6



4EB190



5C6373



F2F2F2



737373

Same Dimension

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



4E6FB1



4C7FE6



5E4EB1



505359



003399



00081A

Inverse Universe

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



B14E6F



E64C7F



A1B14E



595053



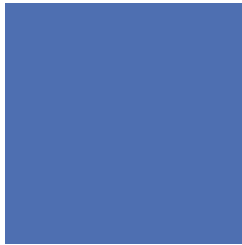
990033



1A0008

Previews

White Background



This preview shows how the Hex color 4E6FB1 looks on a white background.

Color Contrast Check

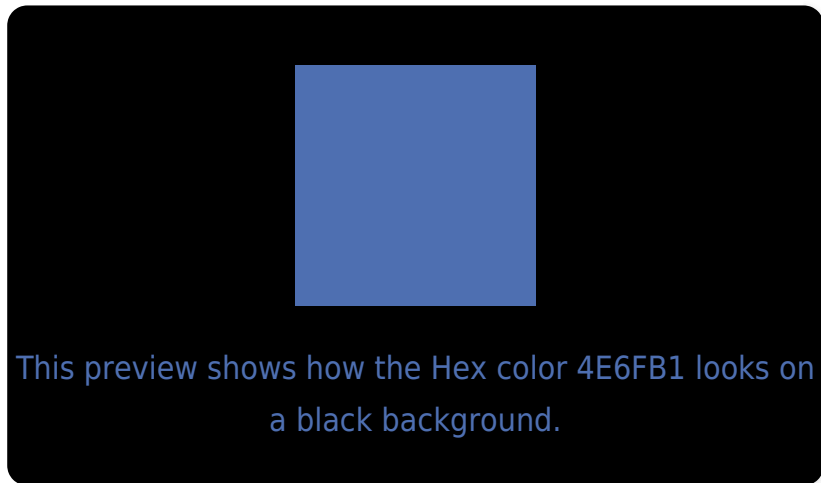
Large Text (above 18pt) WCAG AA ✓ Pass

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

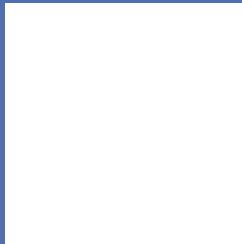
Any Text WCAG AAA × Fail

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

Hex 4E6FB1 Background



This preview shows how black text looks on a background with the Hex color 4E6FB1.



This preview shows how white text looks on a background with the Hex color 4E6FB1.

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
4E6FB1

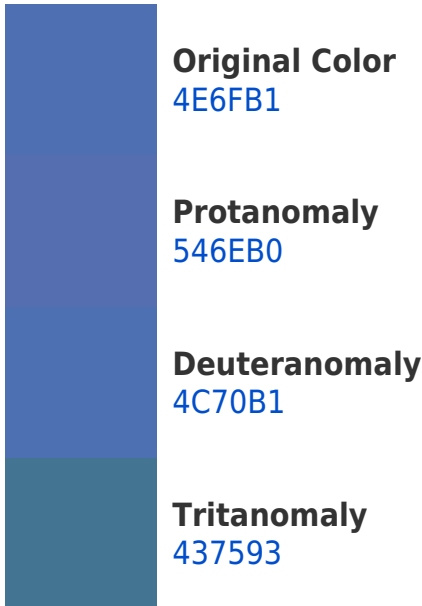
Protanopia
576DB0

Deuteranopia
4B70B1



Tritanopia
3C7982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E6FB1 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 #4E6FB1 looks like.

```
.text, #text, p{  
    color:#4E6FB1  
}
```

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 #4E6FB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6FB1
}
```

Border

The CSS property to change the border of an element to Hex 4E6FB1 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
#4E6FB1 }
```

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

```
.border{ border-color:#4E6FB1 }
```

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

Here you see how a box with a 4 pixel #4E6FB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6FB1; -webkit-box-shadow:4px 4px  
4px 4px #4E6FB1; box-shadow:4px 4px 4px  
4px #4E6FB1 }
```

Background

The CSS property to change the background color of an element to Hex 4E6FB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6FB1 }
```

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

```
.background{ background-color:#4E6FB1 }
```

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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