

Converting Colors

Hex(4E86BF)

Have a look what the booklet for
Hex(4E86BF) contains.

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Color

Hex(4E86BF)

Conversions

Conversions Part 1

Format	Color
Hex	4E86BF
RGB	78, 134, 191
RGB Percent	31%, 53%, 75%
CMY	0.6941, 0.4745, 0.2510
CMYK	0.59, 0.30, 0.00, 0.25
HSL	210°, 47%, 53%
HSV	210°, 59%, 75%
XYZ	21.0710, 22.4315, 52.5094
YIQ	123.7540, -51.6730, 5.8550

Conversions

Conversions Part 2

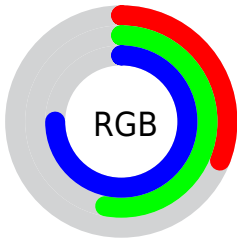
Format	Color
RYB	78, 115, 191
Decimal	5146303
CIELab	54.48, -1.19, -35.32
CIELCh	54, 35.339, 268.071
Yxy	22.4315, 0.2195, 0.2336
Android (android.graphics.Color)	4283336383 (0xFF4E86BF)
YUV	123.7540, 33.1523, -40.1263
Hunter-Lab	47.3619, -3.4700, -32.5806

Details

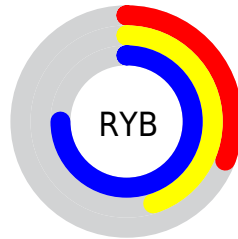
The Hex color **4E86BF** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BF874E**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **87BBF8**, and **005589** is the 20% darker color. If you saturate the color by 10%, you get **3B7CBF**, and if you desaturate by 10%, it is **6190BF**.

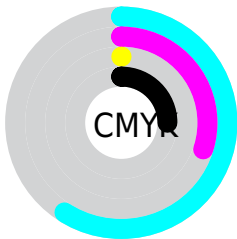
Distribution



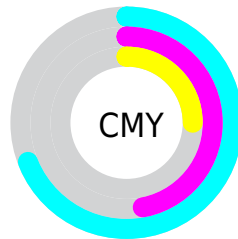
- Red (31%)
- Green (53%)
- Blue (75%)



- Red (31%)
- Yellow (45%)
- Blue (75%)



- Cyan (59%)
- Magenta (30%)
- Yellow (0%)
- Black (25%)



- Cyan (69%)
- Magenta (47%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E86BF 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 4E86BF by changing the saturation by 10% instead.

■ 4E86BF

■ 4E86BF

FFFFFF

■ 2F6DA4

■ 87BBF8

■ 005589

■ A4D7FF

■ 003E70

■ C1F3FF

■ 002857

■ DEFFFF

■ 00143F

■ FCFFFF

■ 000329

■ 000113

■ 000000

■ 4E86BF

■ 4E86BF

■ 3B7CBF

■ 6190BF

■ 2873BF

■ 7499BF

■ 1569BF

■ 87A3BF

■ 025FBF

■ 9AADBFB

■ 005FBF

■ AEB6BF

■ C1C0BF

■ D4C9BF

■ E7D3BF

■ FADDBF

Harmonies

Analogous

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



008EB5



4E86BF



827BB8

Triad

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



4E86BF



BC6C67



538F61

Complementary

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



4E86BF



BF874E

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.



78894B



4E86BF



AF754F

Square

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



4E86BF



BA6A86



978044



1F927F

Rectangle

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



4E86BF



9C74AB



978044



608E58

Sweetspot

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



4E86BF



CBE1F7



4EBF87



616F7D



FCFCFC



7D7D7D

Same Dimension

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



4E86BF



489FF7



4E4EBF



555A5E



004E9E



000F1F

Inverse Universe

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



BF4E86



F7489F



BFBF4E



5E555A



9E004E



1F000F

Previews

White Background



This preview shows how the Hex color 4E86BF looks on a white background.

Color Contrast Check

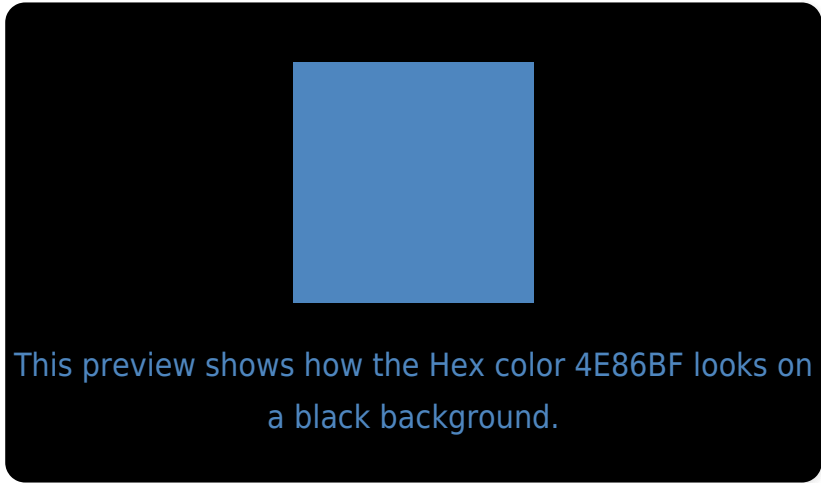
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

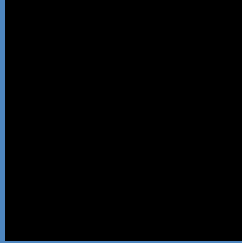
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 4E86BF Background



This preview shows how black text looks on a background with the Hex color 4E86BF.

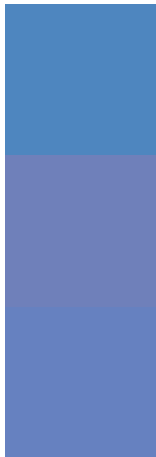


This preview shows how white text looks on a background with the Hex color 4E86BF.

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
4E86BF

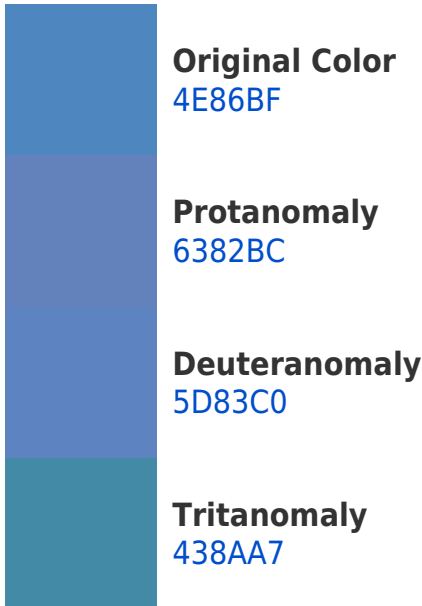
Protanopia
6F80BA

Deuteranopia
6681C0



Tritanopia
3D8D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E86BF 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 #4E86BF looks like.

```
.text, #text, p{  
  color:#4E86BF  
}
```

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 #4E86BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E86BF
}
```

Border

The CSS property to change the border of an element to Hex 4E86BF 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
#4E86BF }
```

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

```
.border{ border-color:#4E86BF }
```

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

Here you see how a box with a 4 pixel #4E86BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E86BF; -webkit-box-shadow:4px 4px  
4px 4px #4E86BF; box-shadow:4px 4px 4px  
4px #4E86BF }
```

Background

The CSS property to change the background color of an element to Hex 4E86BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E86BF }
```

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

```
.background{ background-color:#4E86BF }
```

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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