

Converting Colors

Hex(4E6594)

Have a look what the booklet for
Hex(4E6594) contains.

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Color

Hex(4E6594)

Conversions

Conversions Part 1

Format	Color
Hex	4E6594
RGB	78, 101, 148
RGB Percent	31%, 40%, 58%
CMY	0.6941, 0.6039, 0.4196
CMYK	0.47, 0.32, 0.00, 0.42
HSL	220°, 31%, 44%
HSV	220°, 47%, 58%
XYZ	13.1409, 13.0652, 29.8462
YIQ	99.4810, -28.7950, 9.7410

Conversions

Conversions Part 2

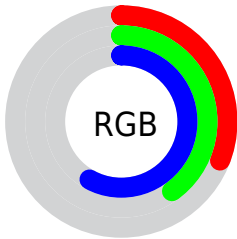
Format	Color
R_{YB}	78, 95, 148
Decimal	5137812
CIE _{Lab}	42.86, 4.83, -28.43
CIE _{LCh}	43, 28.841, 279.641
Yxy	13.0652, 0.2344, 0.2331
Android (android.graphics.Color)	4283327892 (0xFF4E6594)
YUV	99.4810, 23.9199, -18.8388
Hunter-Lab	36.1458, 1.6388, -23.6547

Details

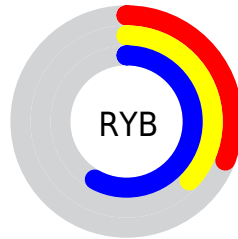
The Hex color **4E6594** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **947D4E**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8398CA**, and **183761** is the 20% darker color. If you saturate the color by 10%, you get **3F5B94**, and if you desaturate by 10%, it is **5D6F94**.

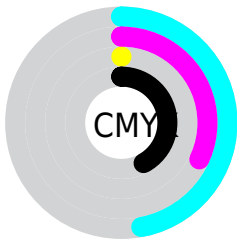
Distribution



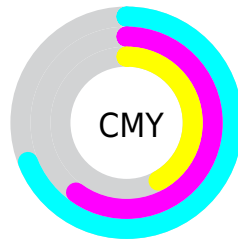
- Red (31%)
- Green (40%)
- Blue (58%)



- Red (31%)
- Yellow (37%)
- Blue (58%)



- Cyan (47%)
- Magenta (32%)
- Yellow (0%)
- Black (42%)



- Cyan (69%)
- Magenta (60%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E6594 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 4E6594 by changing the saturation by 10% instead.

■ 4E6594

■ 4E6594

FFFFFF

■ 344D7A

■ 8398CA

■ 183761

■ 9EB2E7

■ 002249

■ B9CEFF

■ 000A32

■ D6E AFF

■ 00021D

■ F2FFFF

■ 000000

■ 4E6594

■ 4E6594

■ 3F5B94

■ 5D6F94

■ 305194

■ 6C7994

■ 224794

■ 7A8394

■ 133D94

■ 898D94

■ 043394

■ 989794

■ 003194

■ A7A194

■ B6AB94

■ C4B494

■ D3BE94

Harmonies

Analogous

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



1C6C91



4E6594



725C8A

Triad

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



4E6594



905648



347154

Complementary

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



4E6594



947D4E

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.



536D40



4E6594



825E39

Square

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



4E6594



93525E



6D6635



00726C

Rectangle

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



4E6594



83577E



6D6635



3F704C

Sweetspot

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



4E6594



A4ADBFB



4E947D



505661



E0E0E0



616161

Same Dimension

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



4E6594



5276BF



5A4E94



43454A



002D8A



00030A

Inverse Universe

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



944E65



BF5276



88944E



4A4345



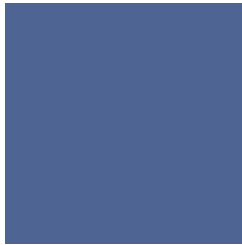
8A002D



0A0003

Previews

White Background



This preview shows how the Hex color 4E6594 looks on a white background.

Color Contrast Check

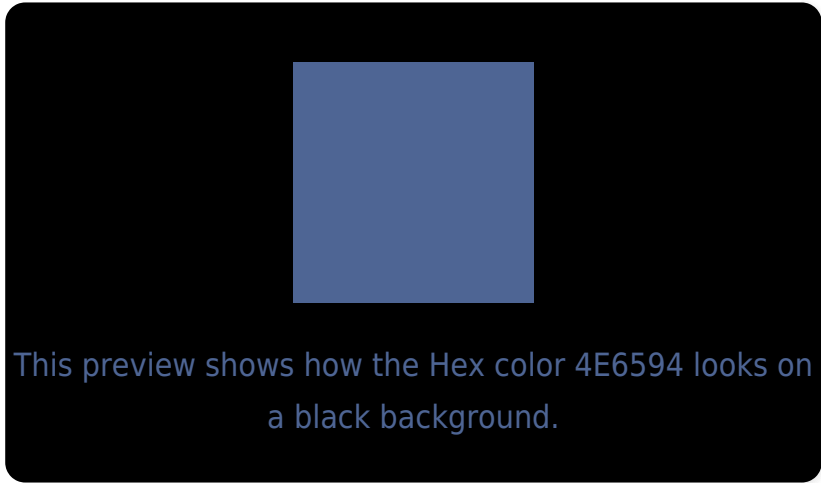
Large Text (above 18pt) WCAG AA ✓ Pass

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

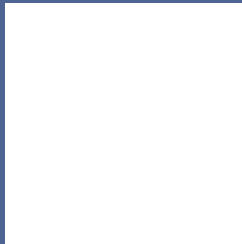
Any Text WCAG AAA × Fail

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

Hex 4E6594 Background



This preview shows how black text looks on a background with the Hex color 4E6594.

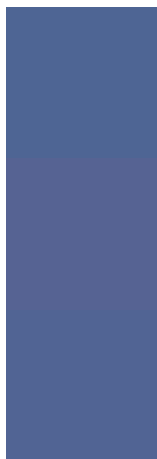


This preview shows how white text looks on a background with the Hex color 4E6594.

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

4E6594

Protanopia

566393

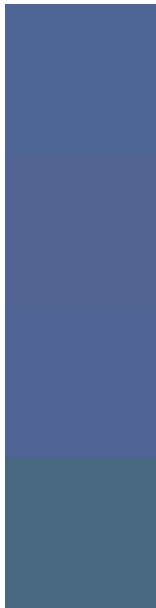
Deuteranopia

516494



Tritanopia
446B74

Trichromacy



Original Color
4E6594

Protanomaly
536493

Deuteranomaly
506494

Tritanomaly
486980

Monochromacy



Original Color
4E6594

Achromatopsia
636363

Achromatomaly
5B6475

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E6594 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 #4E6594 looks like.

```
.text, #text, p{  
    color:#4E6594  
}
```

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 #4E6594 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6594
}
```

Border

The CSS property to change the border of an element to Hex 4E6594 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
#4E6594 }
```

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

```
.border{ border-color:#4E6594 }
```

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

Here you see how a box with a 4 pixel #4E6594 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6594; -webkit-box-shadow:4px 4px  
4px 4px #4E6594; box-shadow:4px 4px 4px  
4px #4E6594 }
```

Background

The CSS property to change the background color of an element to Hex 4E6594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6594 }
```

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

```
.background{ background-color:#4E6594 }
```

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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