

Converting Colors

Hex(4E5896)

Have a look what the booklet for
Hex(4E5896) contains.

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Color

Hex(4E5896)

Conversions

Conversions Part 1

Format	Color
Hex	4E5896
RGB	78, 88, 150
RGB Percent	31%, 35%, 59%
CMY	0.6941, 0.6549, 0.4118
CMYK	0.48, 0.41, 0.00, 0.41
HSL	232°, 32%, 45%
HSV	232°, 48%, 59%
XYZ	12.1366, 10.8012, 30.2993
YIQ	92.0780, -25.8620, 17.1620

Conversions

Conversions Part 2

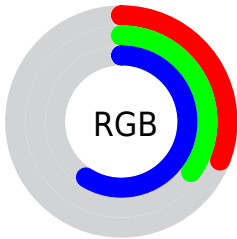
Format	Color
R_{YB}	78, 87, 150
Decimal	5134486
CIE _{Lab}	39.24, 13.66, -35.33
CIE _{LCh}	39, 37.876, 291.144
Yxy	10.8012, 0.2280, 0.2029
Android (android.graphics.Color)	4283324566 (0xFF4E5896)
YUV	92.0780, 28.5555, -12.3464
Hunter-Lab	32.8651, 8.4036, -31.6556

Details

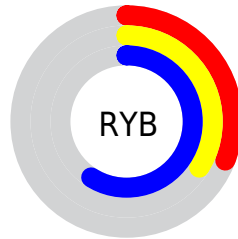
The Hex color **4E5896** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **968C4E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **838ACD**, and **172B63** is the 20% darker color. If you saturate the color by 10%, you get **3F4B96**, and if you desaturate by 10%, it is **5D6596**.

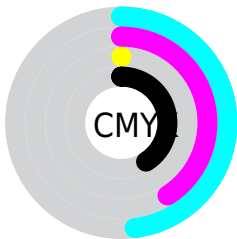
Distribution



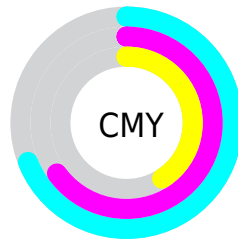
- Red (31%)
- Green (35%)
- Blue (59%)



- Red (31%)
- Yellow (34%)
- Blue (59%)



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



- Cyan (69%)
- Magenta (65%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E5896 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 4E5896 by changing the saturation by 10% instead.

■ 4E5896

■ 4E5896

FFFFFF

■ 34417C

■ 838ACD

■ 172B63

■ 9EA4E9

■ 00174A

■ BABFFF

■ 000034

■ D6DBFF

■ 00021D

■ F3F7FF

■ 000000

■ 4E5896

■ 4E5896

■ 3F4B96

■ 5D6596

■ 303E96

■ 6C7296

■ 213196

■ 7B7F96

■ 122496

■ 8A8C96

■ 031796

■ 999996

■ 001596

■ A8A696

■ B7B296

■ C6BF96

■ D5CC96

Harmonies

Analogous

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



006399



4E5896



794B83

Triad

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



4E5896



8B4C2D



006B52

Complementary

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



4E5896



968C4E

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.



336834



4E5896



75581C

Square

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



4E5896



954248



58611F



006B72

Rectangle

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



4E5896



8B4471



58611F



006A47

Sweetspot

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



4E5896



A7AAC2



4E968B



505361



E0E0E0



616161

Same Dimension

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



4E5896



5161C2



674E96



43444A



00138A



00010A

Inverse Universe

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



964E58



C25161



7D964E



4A4344



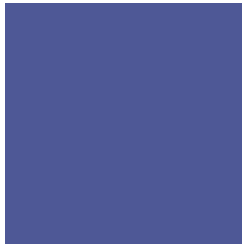
8A0013



0A0001

Previews

White Background



This preview shows how the Hex color 4E5896 looks on a white background.

Color Contrast Check

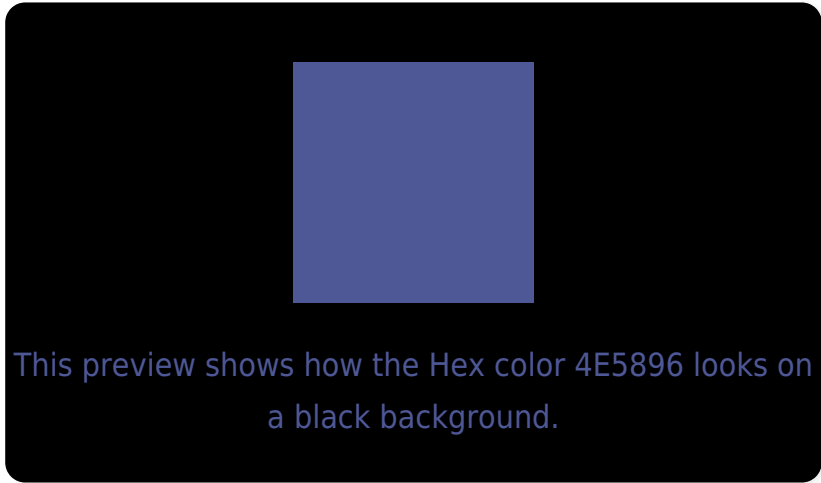
Large Text (above 18pt) WCAG AA ✓ Pass

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

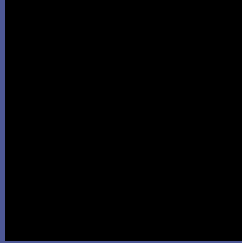
Any Text WCAG AA × Fail

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 4E5896 Background



This preview shows how black text looks on a background with the Hex color 4E5896.



This preview shows how white text looks on a background with the Hex color 4E5896.

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
4E5896

Protanopia
435A98

Deuteranopia
3B5D95



Tritanopia
416269

Trichromacy



Original Color
4E5896

Protanomaly
475997

Deuteranomaly
425B95

Tritanomaly
465E79

Monochromacy



Original Color
4E5896

Achromatopsia
5C5C5C

Achromatomaly
575B71

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E5896 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 #4E5896 looks like.

```
.text, #text, p{  
    color:#4E5896  
}
```

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 #4E5896 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5896
}
```

Border

The CSS property to change the border of an element to Hex 4E5896 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
#4E5896 }
```

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

```
.border{ border-color:#4E5896 }
```

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

Here you see how a box with a 4 pixel #4E5896 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5896; -webkit-box-shadow:4px 4px  
4px 4px #4E5896; box-shadow:4px 4px 4px  
4px #4E5896 }
```

Background

The CSS property to change the background color of an element to Hex 4E5896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5896 }
```

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

```
.background{ background-color:#4E5896 }
```

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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