

# Converting Colors

Hex(4E5F72)

Have a look what the booklet for  
Hex(4E5F72) contains.

<b>Hex(4E5F72)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(4E5F72)

# Conversions

## Conversions Part 1

Format	Color
Hex	4E5F72
RGB	78, 95, 114
RGB Percent	31%, 37%, 45%
CMY	0.6941, 0.6275, 0.5529
CMYK	0.32, 0.17, 0.00, 0.55
HSL	212°, 19%, 38%
HSV	212°, 32%, 45%
XYZ	10.2714, 11.0190, 17.5051
YIQ	92.0830, -16.2310, 2.3050

# Conversions

## Conversions Part 2

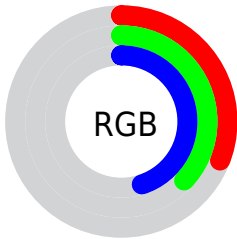
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 90, 114
Decimal	5136242
CIELab	39.61, -1.55, -12.87
CIElCh	40, 12.960, 263.130
Yxy	11.0190, 0.2648, 0.2840
Android (android.graphics.Color)	4283326322 (0xFF4E5F72)
YUV	92.0830, 10.8051, -12.3508
Hunter-Lab	33.1949, -2.8586, -8.0297

# Details

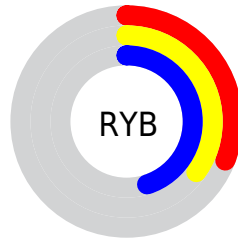
The Hex color **4E5F72** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **72614E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8091A6**, and **203142** is the 20% darker color. If you saturate the color by 10%, you get **435972**, and if you desaturate by 10%, it is **596572**.

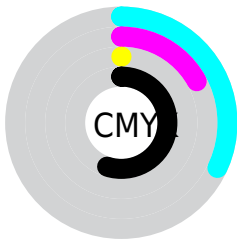
# Distribution



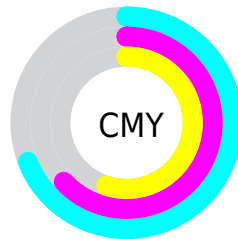
- Red (31%)
- Green (37%)
- Blue (45%)



- Red (31%)
- Yellow (35%)
- Blue (45%)



- Cyan (32%)
- Magenta (17%)
- Yellow (0%)
- Black (55%)



- Cyan (69%)
- Magenta (63%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E5F72 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 4E5F72 by changing the saturation by 10% instead.



■ 4E5F72

■ 4E5F72

FFFFFF

■ 364759

■ 8091A6

■ 203142

■ 9AACC1

■ 091C2C

■ B5C7DD

■ 000118

■ D1E3F9

■ 000000

■ EDFFFF

■ 4E5F72

■ 4E5F72

■ 435972

■ 596572

■ 375372

■ 656B72

■ 2C4D72

■ 707172

■ 204772

■ 7C7772

■ 154172

■ 877D72

■ 0A3B72

■ 928372

■ 003672

■ 9E8972

■ A98F72

■ B59572

# Harmonies

## Analogous

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



43626E



4E5F72



5C5B71

# Triad

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



4E5F72



735655



516250

# Complementary

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



4E5F72



72614E

# 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.



5D5F4A



4E5F72



70584D

# Square

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



4E5F72



715660



685C49



46635A

# Rectangle

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



4E5F72



65596D



685C49



55614E



# Sweetspot

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



4E5F72



878D94



4E7261



42464A



C9C9C9



4A4A4A



# Same Dimension

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



4E5F72



5C7694



4F4E72



323538



003978



0075F7



# Inverse Universe

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



724E5F



945C76



71724E



383235



780039



F70075



# Previews

## White Background



This preview shows how the Hex color 4E5F72 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

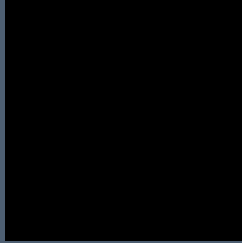
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

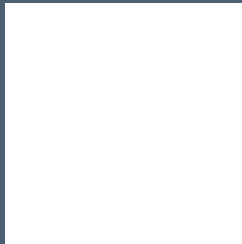
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4E5F72 Background



This preview shows how black text looks on a background with the Hex color 4E5F72.

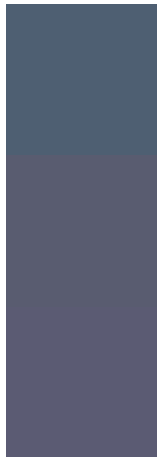


This preview shows how white text looks on a background with the Hex color 4E5F72.

# 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**  
4E5F72

**Protanopia**  
595C70

**Deuteranopia**  
5B5B73



**Tritanopia**  
4C6168

# Trichromacy



**Original Color**  
4E5F72

**Protanomaly**  
555D71

**Deuteranomaly**  
565C73

**Tritanomaly**  
4D606C

# Monochromacy



**Original Color**  
4E5F72

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
575D64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E5F72 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 #4E5F72 looks like.

```
.text, #text, p{  
    color:#4E5F72  
}
```

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 #4E5F72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5F72
}
```

## Border

The CSS property to change the border of an element to Hex 4E5F72 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
#4E5F72 }
```

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

```
.border{ border-color:#4E5F72 }
```

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

Here you see how a box with a 4 pixel #4E5F72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5F72; -webkit-box-shadow:4px 4px  
4px 4px #4E5F72; box-shadow:4px 4px 4px  
4px #4E5F72 }
```

# Background

The CSS property to change the background color of an element to Hex 4E5F72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5F72 }
```

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

```
.background{ background-color:#4E5F72 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor