

Converting Colors

Hex(6E5580)

Have a look what the booklet for
Hex(6E5580) contains.

Hex(6E5580)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6E5580)

Conversions

Conversions Part 1

Format	Color
Hex	6E5580
RGB	110, 85, 128
RGB Percent	43%, 33%, 50%
CMY	0.5686, 0.6667, 0.4980
CMYK	0.14, 0.34, 0.00, 0.50
HSL	275°, 20%, 42%
HSV	275°, 34%, 50%
XYZ	13.5752, 11.3705, 21.9013
YIQ	97.3770, 1.0970, 18.6730

Conversions

Conversions Part 2

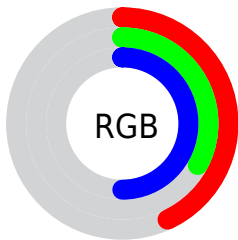
Format	Color
R_{YB}	110, 85, 128
Decimal	7230848
CIE _{Lab}	40.20, 19.13, -20.29
CIE _{LCh}	40, 27.886, 313.311
Yxy	11.3705, 0.2898, 0.2427
Android (android.graphics.Color)	4285420928 (0xFF6E5580)
YUV	97.3770, 15.0971, 11.0704
Hunter-Lab	33.7202, 12.8508, -14.9048

Details

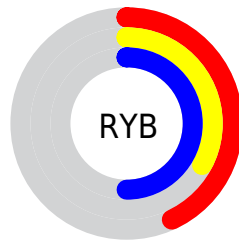
The Hex color **6E5580** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **678055**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **A287B5**, and **3D274F** is the 20% darker color. If you saturate the color by 10%, you get **694880**, and if you desaturate by 10%, it is **736280**.

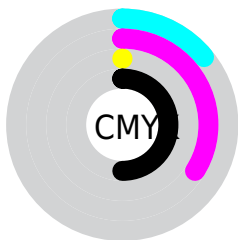
Distribution



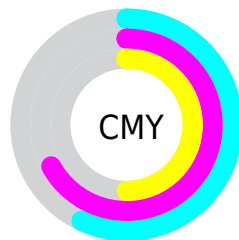
- Red (43%)
- Green (33%)
- Blue (50%)



- Red (43%)
- Yellow (33%)
- Blue (50%)



- Cyan (14%)
- Magenta (34%)
- Yellow (0%)
- Black (50%)



- Cyan (57%)
- Magenta (67%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E5580 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 6E5580 by changing the saturation by 10% instead.

6E5580

6E5580

FFFFFF

553E67

A287B5

3D274F

BDA1D1

271238

D9BCED

160022

F6D8FF

000008

FFF5FF

000000

6E5580

6E5580

694880

736280

633B80

796F80

5E2F80

7E7B80

592280

838880

531580

899580

4E0880

8EA280

4A0080

94AF80

99BB80

9EC880

Harmonies

Analogous

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



4D5E8B



6E5580



834E6C

Triad

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



6E5580



785933



006B68

Complementary

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



6E5580



678055

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.



2B6A51



6E5580



636131

Square

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



6E5580



865141



4A663D



00697D

Rectangle

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



6E5580



894C5D



4A663D



0A6B61

Sweetspot

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



6E5580



9F95A6



556880



504A54



D4D4D4



545454

Same Dimension

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



6E5580



8A63A6



80557D



3D3940



4A0080



000000

Inverse Universe

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



805567



A6637F



558058



40393C



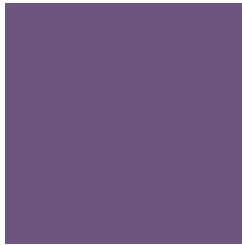
800035



000000

Previews

White Background



This preview shows how the Hex color 6E5580 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

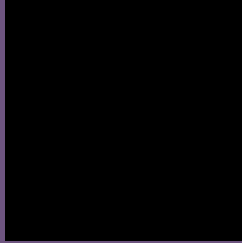
Any Text WCAG AA × Fail

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 6E5580 Background



This preview shows how black text looks on a background with the Hex color 6E5580.



This preview shows how white text looks on a background with the Hex color 6E5580.

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
6E5580

Protanopia
525E87

Deuteranopia
575D7E



Tritanopia
695B62

Trichromacy



Original Color
6E5580

Protanomaly
5C5B84

Deuteranomaly
5F5A7F

Tritanomaly
6B596D

Monochromacy



Original Color
6E5580

Achromatopsia
616161

Achromatomaly
665D6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E5580 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 #6E5580 looks like.

```
.text, #text, p{  
    color:#6E5580  
}
```

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 #6E5580 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E5580
}
```

Border

The CSS property to change the border of an element to Hex 6E5580 is called "border". The border property can be set on classes, ids or directly on the HTML element.

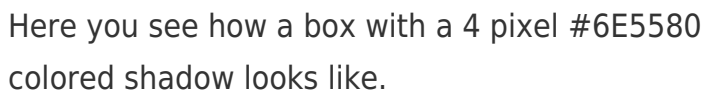
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E5580 }
```

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

```
.border{ border-color:#6E5580 }
```

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



Here you see how a box with a 4 pixel #6E5580 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E5580; -webkit-box-shadow:4px 4px  
4px 4px #6E5580; box-shadow:4px 4px 4px  
4px #6E5580 }
```

Background

The CSS property to change the background color of an element to Hex 6E5580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E5580 }
```

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

```
.background{ background-color:#6E5580 }
```

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