

Converting Colors

Hex(6E82A3)

Have a look what the booklet for
Hex(6E82A3) contains.

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Color

Hex(6E82A3)

Conversions

Conversions Part 1

Format	Color
Hex	6E82A3
RGB	110, 130, 163
RGB Percent	43%, 51%, 64%
CMY	0.5686, 0.4902, 0.3608
CMYK	0.33, 0.20, 0.00, 0.36
HSL	217°, 22%, 54%
HSV	217°, 33%, 64%
XYZ	21.0239, 21.9246, 37.7741
YIQ	127.7820, -22.5130, 6.0230

Conversions

Conversions Part 2

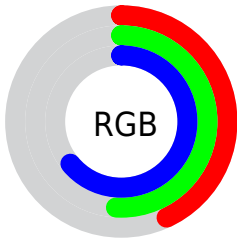
Format	Color
R_{YB}	110, 125, 163
Decimal	7242403
CIE _{Lab}	53.95, 0.89, -19.93
CIE _{LCh}	54, 19.954, 272.558
Yxy	21.9246, 0.2604, 0.2716
Android (android.graphics.Color)	4285432483 (0xFF6E82A3)
YUV	127.7820, 17.3625, -15.5948
Hunter-Lab	46.8237, -1.7948, -15.0545

Details

The Hex color **6E82A3** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A38F6E**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **A3B7DA**, and **3C516F** is the 20% darker color. If you saturate the color by 10%, you get **5E78A3**, and if you desaturate by 10%, it is **7E8CA3**.

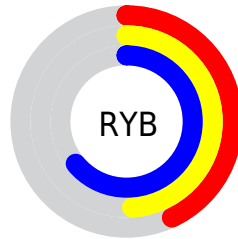
Distribution



Red (43%)

Green (51%)

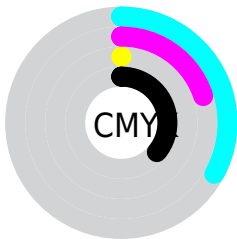
Blue (64%)



Red (43%)

Yellow (49%)

Blue (64%)

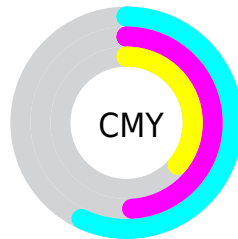


Cyan (33%)

Magenta (20%)

Yellow (0%)

Black (36%)



Cyan (57%)

Magenta (49%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E82A3 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 6E82A3 by changing the saturation by 10% instead.

■ 6E82A3

■ 6E82A3

FFFFFF

■ 556989

■ A3B7DA

■ 3C516F

■ BED2F7

■ 243A57

■ DAEFFF

■ 09253F

■ F7FFFF

■ 000F29

■ 000114

■ 000000

■ 6E82A3

■ 6E82A3

■ 5E78A3

■ 7E8CA3

■ 4D6EA3

■ 8F96A3

■ 3D64A3

■ 9FA0A3

■ 2D59A3

■ AFABA3

■ 1D4FA3

■ C0B5A3

■ 0C45A3

■ D0BFA3

■ 003EA3

■ E0C9A3

■ F0D3A3

■ FFDDA3

Harmonies

Analogous

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



59879F



6E82A3



867C9E

Triad

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



6E82A3



A3766F



668971

Complementary

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



6E82A3



A38F6E

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.



798664



6E82A3



9B7B63

Square

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



6E82A3



A37580



8C805F



558B82

Rectangle

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



6E82A3



937896



8C805F



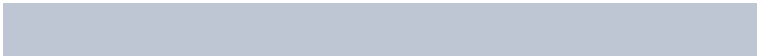
6C886C

Sweetspot

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



6E82A3



BEC6D4



6EA38F



5E636B



EBEBEB



6B6B6B

Same Dimension

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



6E82A3



81A0D4



746EA3



494D52



003791



000712

Inverse Universe

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



A36E82



D481A0



9DA36E



52494D



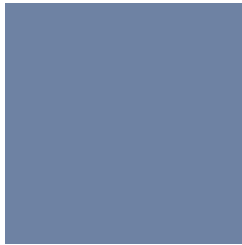
910037



120007

Previews

White Background



This preview shows how the Hex color 6E82A3 looks on a white background.

Color Contrast Check

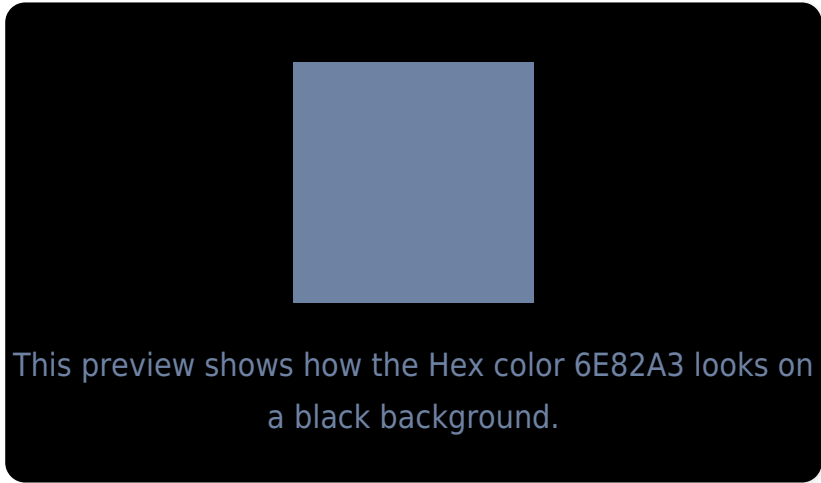
Large Text (above 18pt) WCAG AA ✓ Pass

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

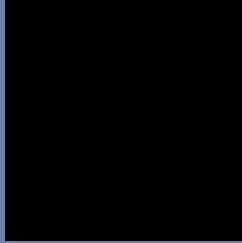
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

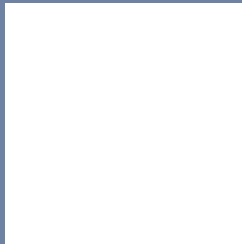
Any Text WCAG AAA × Fail

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

Hex 6E82A3 Background



This preview shows how black text looks on a background with the Hex color 6E82A3.



This preview shows how white text looks on a background with the Hex color 6E82A3.

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
6E82A3

Protanopia
787FA1

Deuteranopia
7B7EA4



Tritanopia
6A8590

Trichromacy



Original Color
6E82A3

Protanomaly
7480A2

Deuteranomaly
767FA4

Tritanomaly
6B8497

Monochromacy



Original Color
6E82A3

Achromatopsia
808080

Achromatomaly
79818D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E82A3 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 #6E82A3 looks like.

```
.text, #text, p{  
    color:#6E82A3  
}
```

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 #6E82A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E82A3  
}
```

Border

The CSS property to change the border of an element to Hex 6E82A3 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  
#6E82A3 }
```

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

```
.border{ border-color:#6E82A3 }
```

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

Here you see how a box with a 4 pixel #6E82A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E82A3; -webkit-box-shadow:4px 4px  
4px 4px #6E82A3; box-shadow:4px 4px 4px  
4px #6E82A3 }
```

Background

The CSS property to change the background color of an element to Hex 6E82A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E82A3 }
```

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

```
.background{ background-color:#6E82A3 }
```

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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