

Converting Colors

Hex(6271A3)

Have a look what the booklet for
Hex(6271A3) contains.

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Color

Hex(6271A3)

Conversions

Conversions Part 1

Format	Color
Hex	6271A3
RGB	98, 113, 163
RGB Percent	38%, 44%, 64%
CMY	0.6157, 0.5569, 0.3608
CMYK	0.40, 0.31, 0.00, 0.36
HSL	226°, 26%, 51%
HSV	226°, 40%, 64%
XYZ	17.5530, 17.0513, 37.0164
YIQ	114.2150, -24.9900, 12.3700

Conversions

Conversions Part 2

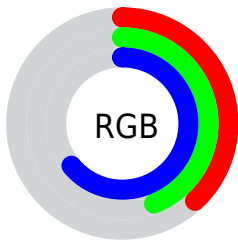
Format	Color
R _Y B	98, 110, 163
Decimal	6451619
CIE Lab	48.32, 7.47, -28.68
CIE LCh	48, 29.639, 284.606
Yxy	17.0513, 0.2451, 0.2381
Android (android.graphics.Color)	4284641699 (0xFF6271A3)
YUV	114.2150, 24.0510, -14.2206
Hunter-Lab	41.2932, 3.6141, -24.2441

Details

The Hex color **6271A3** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A39462**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **97A5DA**, and **2F416F** is the 20% darker color. If you saturate the color by 10%, you get **5264A3**, and if you desaturate by 10%, it is **727EA3**.

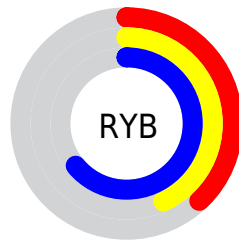
Distribution



Red (38%)

Green (44%)

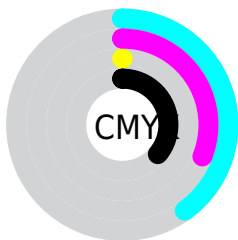
Blue (64%)



Red (38%)

Yellow (43%)

Blue (64%)

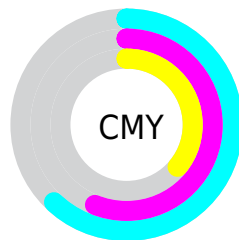


Cyan (40%)

Magenta (31%)

Yellow (0%)

Black (36%)



Cyan (62%)

Magenta (56%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6271A3 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 6271A3 by changing the saturation by 10% instead.

■ 6271A3

■ 6271A3

FFFFFF

■ 485989

■ 97A5DA

■ 2F416F

■ B2C0F7

■ 132C56

■ CEDBFF

■ 00173F

■ EBF8FF

■ 000329

■ 000113

■ 000000

■ 6271A3

■ 6271A3

■ 5264A3

■ 727EA3

4158A3

838AA3

314BA3

9397A3

213FA3

A3A3A3

1132A3

B3B0A3

0026A3

C4BCA3

D4C9A3

E4D5A3

F5E2A3

Harmonies

Analogous

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



3579A3



6271A3



856897

Triad

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



6271A3



9E6451



3A7F65

Complementary

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



6271A3



A39462

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.



5B7B4E



6271A3



8E6D43

Square

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



6271A3



A35F67



777541



0C807E

Rectangle

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



6271A3



956389



777541



467E5C

Sweetspot

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



6271A3



BAC0D4



62A394



5C606B



EBEBEB



6B6B6B

Same Dimension

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



6271A3



6E86D4



7362A3



494B52



002291



000412

Inverse Universe

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



A36271



D46E86



92A362



52494B



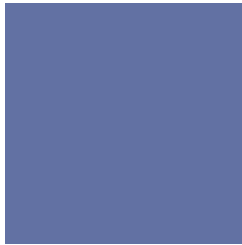
910022



120004

Previews

White Background



This preview shows how the Hex color 6271A3 looks on a white background.

Color Contrast Check

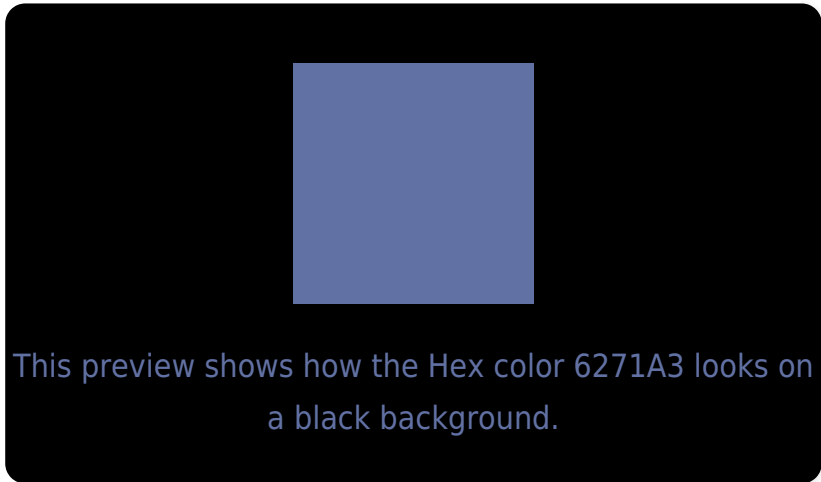
Large Text (above 18pt) WCAG AA ✓ Pass

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

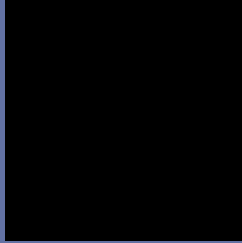
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

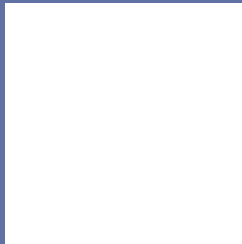
Any Text WCAG AAA × Fail

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

Hex 6271A3 Background



This preview shows how black text looks on a background with the Hex color 6271A3.

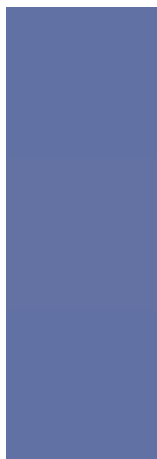


This preview shows how white text looks on a background with the Hex color 6271A3.

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
6271A3

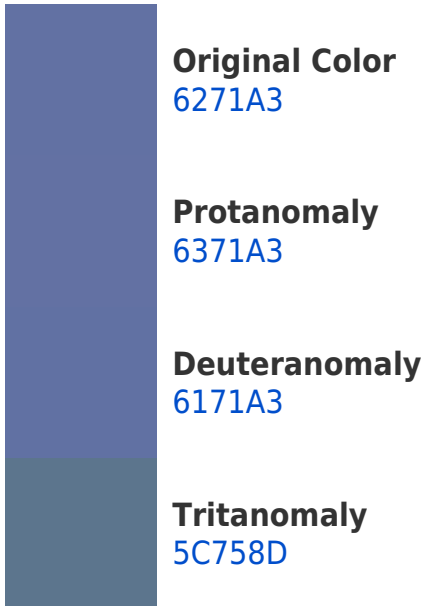
Protanopia
6371A3

Deuteranopia
6171A3



Tritanopia
597881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6271A3 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 #6271A3 looks like.

```
.text, #text, p{  
    color:#6271A3  
}
```

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 #6271A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6271A3
}
```

Border

The CSS property to change the border of an element to Hex 6271A3 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
#6271A3 }
```

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

```
.border{ border-color:#6271A3 }
```

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

Here you see how a box with a 4 pixel #6271A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6271A3; -webkit-box-shadow:4px 4px  
4px 4px #6271A3; box-shadow:4px 4px 4px  
4px #6271A3 }
```

Background

The CSS property to change the background color of an element to Hex 6271A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6271A3 }
```

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

```
.background{ background-color:#6271A3 }
```

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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