

Converting Colors

Hex(6379AB)

Have a look what the booklet for
Hex(6379AB) contains.

Hex(6379AB)	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(6379AB)

Conversions

Conversions Part 1

Format	Color
Hex	6379AB
RGB	99, 121, 171
RGB Percent	39%, 47%, 67%
CMY	0.6118, 0.5255, 0.3294
CMYK	0.42, 0.29, 0.00, 0.33
HSL	222°, 30%, 53%
HSV	222°, 42%, 67%
XYZ	19.3336, 19.2677, 41.2281
YIQ	120.1220, -29.1620, 10.8860

Conversions

Conversions Part 2

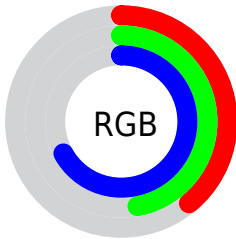
Format	Color
R _Y B	99, 116, 171
Decimal	6519211
CIE Lab	51.00, 5.27, -29.18
CIE LCh	51, 29.647, 280.232
Yxy	19.2677, 0.2422, 0.2414
Android (android.graphics.Color)	4284709291 (0xFF6379AB)
YUV	120.1220, 25.0829, -18.5240
Hunter-Lab	43.8950, 1.8046, -24.9614

Details

The Hex color **6379AB** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AB9563**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **98ADE3**, and **2F4976** is the 20% darker color. If you saturate the color by 10%, you get **526DAB**, and if you desaturate by 10%, it is **7485AB**.

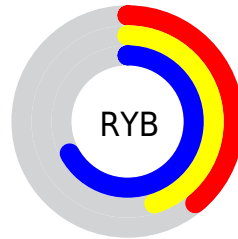
Distribution



Red (39%)

Green (47%)

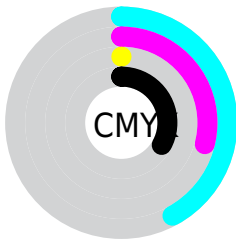
Blue (67%)



Red (39%)

Yellow (45%)

Blue (67%)

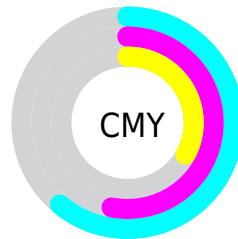


Cyan (42%)

Magenta (29%)

Yellow (0%)

Black (33%)



Cyan (61%)

Magenta (53%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6379AB 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 6379AB by changing the saturation by 10% instead.

■ 6379AB

■ 6379AB

FFFFFF

■ 496090

■ 98ADE3

■ 2F4976

■ B4C8FF

■ 11325E

■ D0E4FF

■ 001E46

■ EDFFFF

■ 00032F

■ 00011A

■ 000000

■ 6379AB

■ 6379AB

■ 526DAB

■ 7485AB

■ 4161AB

■ 8591AB

■ 3055AB

■ 969DAB

■ 1F49AB

■ A7A8AB

■ 0E3EAB

■ B8B4AB

■ 0034AB

■ CAC0AB

■ DBCCAB

■ ECD8AB

■ FDE4AB

Harmonies

Analogous

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



3681A9



6379AB



8870A0

Triad

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



6379AB



A76A5A



468668

Complementary

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



6379AB



AB9563

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.



668252



6379AB



98724A

Square

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



6379AB



AB6672



827B47



218782

Rectangle

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



6379AB



996A93



827B47



518560

Sweetspot

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



6379AB



C1CADE



63AB94



5E6470



F0F0F0



707070

Same Dimension

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



6379AB



6D8FDE



7063AB



4E5157



002E96



000717

Inverse Universe

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



AB6379



DE6D8F



9EAB63



574E51



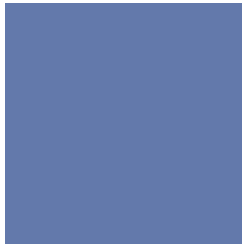
96002E



170007

Previews

White Background



This preview shows how the Hex color 6379AB looks on a white background.

Color Contrast Check

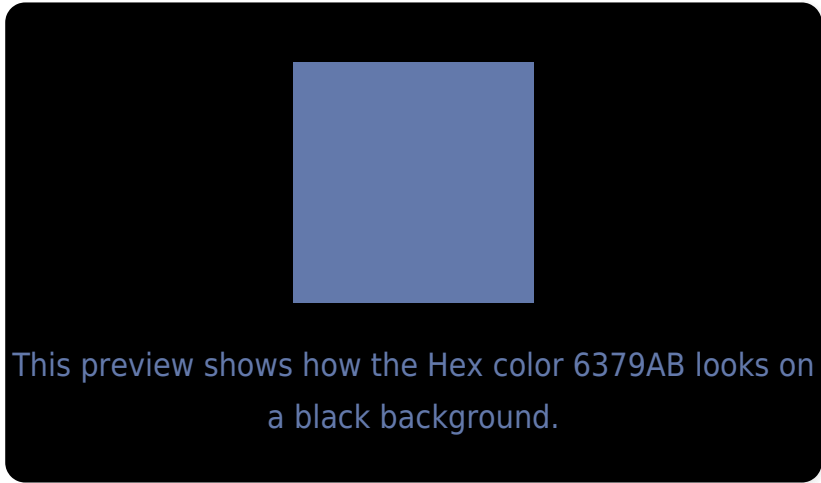
Large Text (above 18pt) WCAG AA ✓ Pass

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

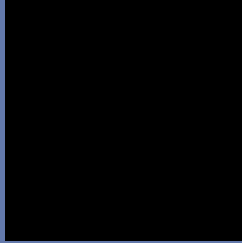
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

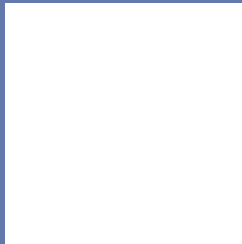
Any Text WCAG AAA × Fail

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

Hex 6379AB Background



This preview shows how black text looks on a background with the Hex color 6379AB.

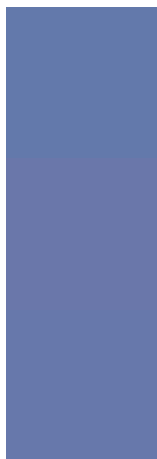


This preview shows how white text looks on a background with the Hex color 6379AB.

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
6379AB

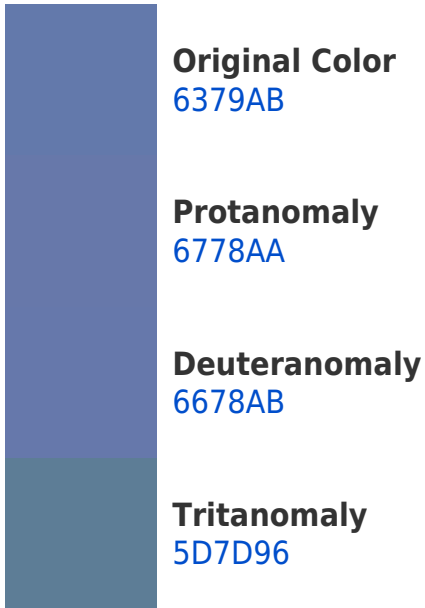
Protanopia
6A77AA

Deuteranopia
6778AB

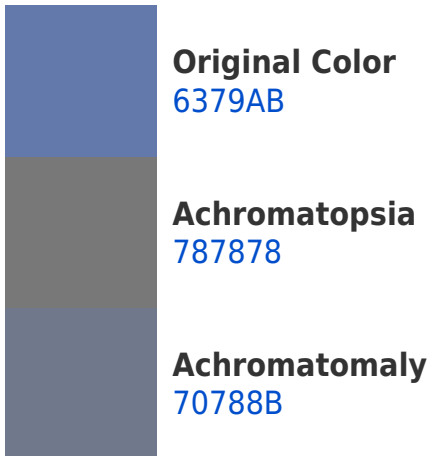


Tritanopia
5A7F8A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6379AB 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 #6379AB looks like.

```
.text, #text, p{  
    color:#6379AB  
}
```

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 #6379AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6379AB
}
```

Border

The CSS property to change the border of an element to Hex 6379AB 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
#6379AB }
```

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

```
.border{ border-color:#6379AB }
```

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

Here you see how a box with a 4 pixel #6379AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6379AB; -webkit-box-shadow:4px 4px  
4px 4px #6379AB; box-shadow:4px 4px 4px  
4px #6379AB }
```

Background

The CSS property to change the background color of an element to Hex 6379AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6379AB }
```

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

```
.background{ background-color:#6379AB }
```

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