

Converting Colors

Hex(0602AB)

Have a look what the booklet for
Hex(0602AB) contains.

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Color

Hex(0602AB)

Conversions

Conversions Part 1

Format	Color
Hex	0602AB
RGB	6, 2, 171
RGB Percent	2%, 1%, 67%
CMY	0.9765, 0.9922, 0.3294
CMYK	0.96, 0.99, 0.00, 0.33
HSL	241°, 98%, 34%
HSV	241°, 99%, 67%
XYZ	7.4475, 3.0224, 38.7189
YIQ	22.4620, -51.8650, 53.4070

Conversions

Conversions Part 2

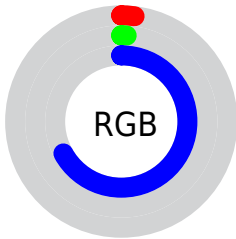
Format	Color
RYB	6, 2, 171
Decimal	393899
CIELab	20.13, 58.21, -79.39
CIElCh	20, 98.448, 306.248
Yxy	3.0224, 0.1514, 0.0614
Android (android.graphics.Color)	4278583979 (0xFF0602AB)
YUV	22.4620, 73.2292, -14.4372
Hunter-Lab	17.3851, 46.0428, -119.8774

Details

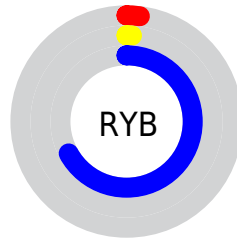
The Hex color **0602AB** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **A7AB02**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **623BE4**, and **000075** is the 20% darker color. If you saturate the color by 10%, you get **0400AB**, and if you desaturate by 10%, it is **1713AB**.

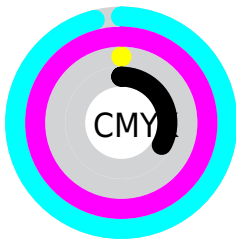
Distribution



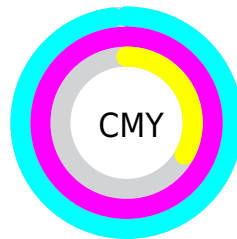
- Red (2%)
- Green (1%)
- Blue (67%)



- Red (2%)
- Yellow (1%)
- Blue (67%)



- Cyan (96%)
- Magenta (99%)
- Yellow (0%)
- Black (33%)



- Cyan (98%)
- Magenta (99%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0602AB 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 0602AB by changing the saturation by 10% instead.

0602AB

0602AB

FFFAFF

000090

623BE4

000075

8155FF

00015B

A06FFF

000743

BF89FF

00032B

DDA4FF

000116

FCC0FF

000000

FFDDFF

0602AB

0602AB

■ 0400AB

■ 1713AB

■ 2724AB

■ 3835AB

■ 4946AB

■ 5958AB

■ 6A69AB

■ 7B7AAB

■ 8C8BAB

■ 9C9CAB

Harmonies

Analogous

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



003CC9



0602AB



88006D

Triad

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



0602AB



680600



00453F

Complementary

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



0602AB



A7AB02

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.



004300



0602AB



2F3400

Square

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



0602AB



8F0000



003F00



004888

Rectangle

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



0602AB



9D003E



003F00



004425

Sweetspot

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



0602AB



9D9BDE



02A8AB



494870



F0F0F0



707070

Same Dimension

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



0602AB



0500DE



5902AB



4E4E57



040096



010017

Inverse Universe

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



AB02A7



DE00D9



54AB02



574E56



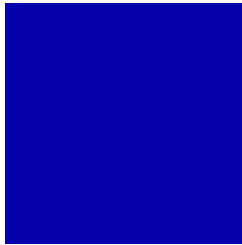
960093



170016

Previews

White Background



This preview shows how the Hex color 0602AB looks on a white background.

Color Contrast Check

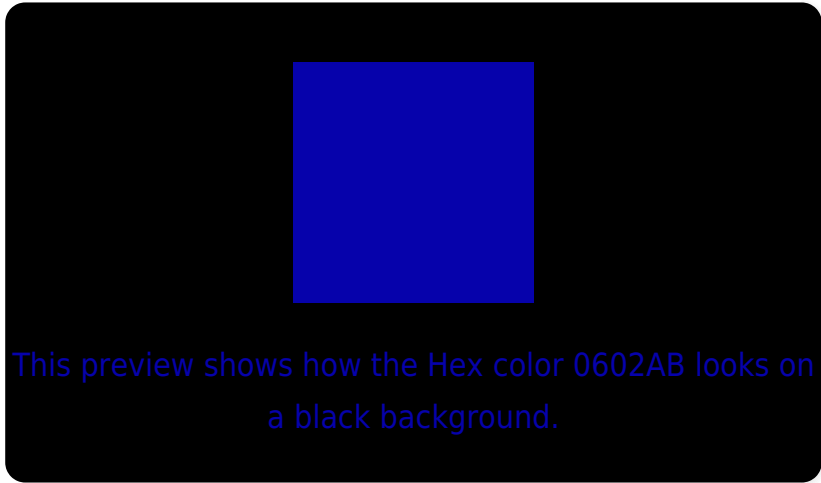
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

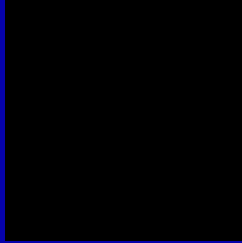
Any Text WCAG AA × Fail

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 0602AB Background



This preview shows how black text looks on a background with the Hex color 0602AB.



This preview shows how white text looks on a background with the Hex color 0602AB.

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
0602AB

Protanopia
003269

Deuteranopia
003559

Trichromacy



Original Color
0602AB

Protanomaly
022181

Deuteranomaly
022277

Monochromacy



Original Color
0602AB

Achromatopsia
161616

Achromatomaly
100F4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0602AB 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 #0602AB looks like.

```
.text, #text, p{  
    color:#0602AB  
}
```

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 #0602AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0602AB
}
```

Border

The CSS property to change the border of an element to Hex 0602AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

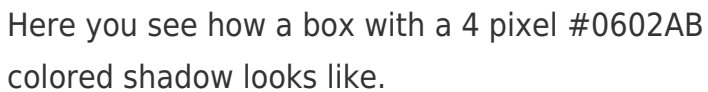
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0602AB }
```

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

```
.border{ border-color:#0602AB }
```

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



Here you see how a box with a 4 pixel #0602AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0602AB; -webkit-box-shadow:4px 4px  
4px 4px #0602AB; box-shadow:4px 4px 4px  
4px #0602AB }
```

Background

The CSS property to change the background color of an element to Hex 0602AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0602AB }
```

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

```
.background{ background-color:#0602AB }
```

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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