

Converting Colors

Hex(02A0D6)

Have a look what the booklet for
Hex(02A0D6) contains.

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Color

Hex(02A0D6)

Conversions

Conversions Part 1

Format	Color
Hex	02A0D6
RGB	2, 160, 214
RGB Percent	1%, 63%, 84%
CMY	0.9922, 0.3725, 0.1608
CMYK	0.99, 0.25, 0.00, 0.16
HSL	195°, 98%, 42%
HSV	195°, 99%, 84%
XYZ	24.7334, 30.0096, 68.1072
YIQ	118.9140, -111.5020, -16.7020

Conversions

Conversions Part 2

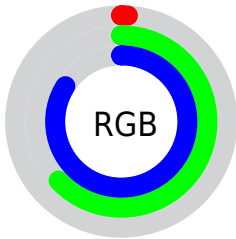
Format	Color
R _Y B	2, 93, 214
Decimal	172246
CIE Lab	61.66, -15.54, -37.14
CIE LCh	62, 40.261, 247.302
Yxy	30.0096, 0.2013, 0.2443
Android (android.graphics.Color)	4278362326 (0xFF02A0D6)
YUV	118.9140, 46.8774, -102.5336
Hunter-Lab	54.7810, -15.2745, -35.3664

Details

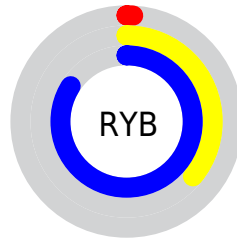
The Hex color **02A0D6** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **D63802**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **67D7FF**, and **006D9F** is the 20% darker color. If you saturate the color by 10%, you get **009FD6**, and if you desaturate by 10%, it is **17A5D6**.

Distribution



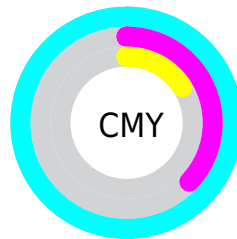
- Red (1%)
- Green (63%)
- Blue (84%)



- Red (1%)
- Yellow (36%)
- Blue (84%)



- Cyan (99%)
- Magenta (25%)
- Yellow (0%)
- Black (16%)



- Cyan (99%)
- Magenta (37%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02A0D6 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 02A0D6 by changing the saturation by 10% instead.

02A0D6

02A0D6

FFFFFF

0086BA

67D7FF

006D9F

87F3FF

005485

A7FFFF

003D6B

C6FFFF

002753

E5FFFF

00103B

000225

00010D

000000

■ 02A0D6

■ 02A0D6

■ 009FD6

■ 17A5D6

■ 2DABD6

■ 42B0D6

■ 58B6D6

■ 6DBBD6

■ 82C1D6

■ 98C6D6

■ ADCCD6

■ C3D1D6

Harmonies

Analogous

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



00A6BF



02A0D6



6C96DB

Triad

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



02A0D6



D8788D



7D9F5B

Complementary

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



02A0D6



D63802

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.



A3964D



02A0D6



D57D6C

Square

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



02A0D6



C87CB1



C18953



4EA578

Rectangle

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



02A0D6



938DD4



C18953



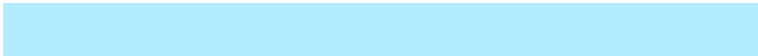
8A9D54

Sweetspot

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



02A0D6



B3ECFF



02D637



527480



000000



808080

Same Dimension

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



02A0D6



00BEFF



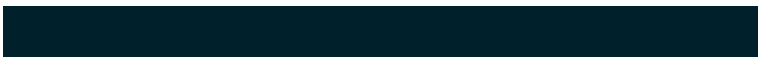
0237D6



60686B



007FAB



00202B

Inverse Universe

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



D602A0



FF00BE



D6A102



6B6068



AB007F



2B0020

Previews

White Background



This preview shows how the Hex color 02A0D6 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



This preview shows how the Hex color 02A0D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

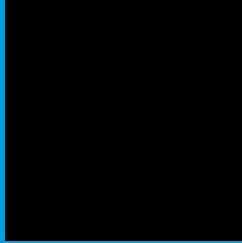
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 02A0D6 Background



This preview shows how black text looks on a background with the Hex color 02A0D6.

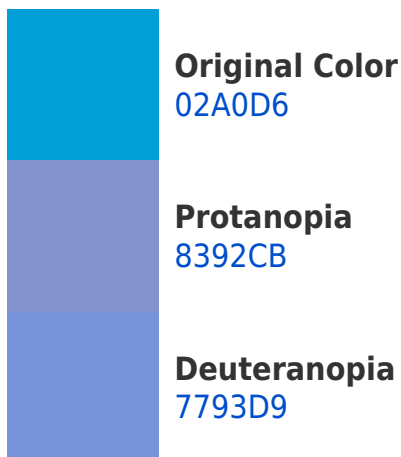


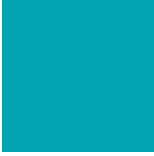
This preview shows how white text looks on a background with the Hex color 02A0D6.

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





Tritanopia
00A5B1

Trichromacy



Original Color
02A0D6



Protanomaly
5497CF



Deuteranomaly
4C98D8



Tritanomaly
01A3BE

Monochromacy



Original Color
02A0D6



Achromatopsia
777777



Achromatomaly
4C869A

CSS Examples

Text

The CSS property to change the color of the text to Hex 02A0D6 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 #02A0D6 looks like.

```
.text, #text, p{  
    color:#02A0D6  
}
```

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 #02A0D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02A0D6
}
```

Border

The CSS property to change the border of an element to Hex 02A0D6 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
#02A0D6 }
```

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

```
.border{ border-color:#02A0D6 }
```

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

Here you see how a box with a 4 pixel #02A0D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02A0D6; -webkit-box-shadow:4px 4px  
4px 4px #02A0D6; box-shadow:4px 4px 4px  
4px #02A0D6 }
```

Background

The CSS property to change the background color of an element to Hex 02A0D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02A0D6 }
```

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

```
.background{ background-color:#02A0D6 }
```

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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