

Converting Colors

Hex(01A1D6)

Have a look what the booklet for
Hex(01A1D6) contains.

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Color

Hex(01A1D6)

Conversions

Conversions Part 1

Format	Color
Hex	01A1D6
RGB	1, 161, 214
RGB Percent	0%, 63%, 84%
CMY	0.9961, 0.3686, 0.1608
CMYK	1.00, 0.25, 0.00, 0.16
HSL	195°, 99%, 42%
HSV	195°, 100%, 84%
XYZ	24.8950, 30.3512, 68.1646
YIQ	119.2020, -112.3730, -17.4370

Conversions

Conversions Part 2

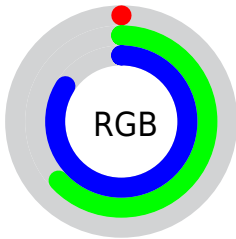
Format	Color
RYB	1, 92, 214
Decimal	106966
CIELab	61.96, -16.11, -36.68
CIELCh	62, 40.065, 246.295
Yxy	30.3512, 0.2017, 0.2459
Android (android.graphics.Color)	4278297046 (0xFF01A1D6)
YUV	119.2020, 46.7354, -103.6632
Hunter-Lab	55.0920, -15.7502, -34.7944

Details

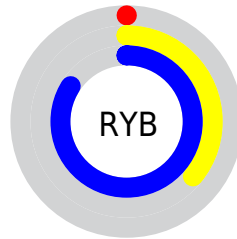
The Hex color **01A1D6** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **D63601**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **67D8FF**, and **006D9F** is the 20% darker color. If you saturate the color by 10%, you get **00A1D6**, and if you desaturate by 10%, it is **16A6D6**.

Distribution



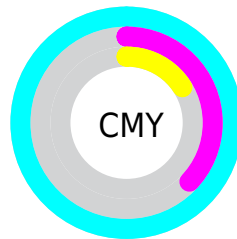
- Red (0%)
- Green (63%)
- Blue (84%)



- Red (0%)
- Yellow (36%)
- Blue (84%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (37%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01A1D6 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 01A1D6 by changing the saturation by 10% instead.

01A1D6

01A1D6

FFFFFF

0087BA

67D8FF

006D9F

87F4FF

005585

A7FFFF

003E6B

C6FFFF

002853

E5FFFF

00113B

000225

00010D

000000

■ 01A1D6

■ 01A1D6

■ 00A1D6

■ 16A6D6

■ 2CACD6

■ 41B1D6

■ 57B6D6

■ 6CBCD6

■ 81C1D6

■ 97C6D6

■ ACCCD6

■ C2D1D6

Harmonies

Analogous

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



00A7BF



01A1D6



6B97DC

Triad

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



01A1D6



D9798F



7FA05B

Complementary

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



01A1D6



D63601

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.



A5964E



01A1D6



D67E6D

Square

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



01A1D6



C87EB3



C38A55



51A678

Rectangle

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



01A1D6



928ED5



C38A55



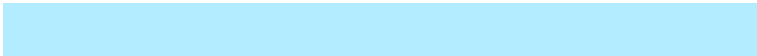
8C9D54

Sweetspot

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



01A1D6



B3ECFF



01D633



527480



000000



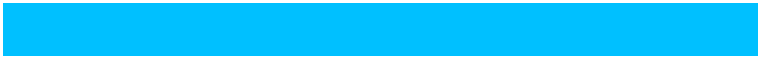
808080

Same Dimension

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



01A1D6



00C0FF



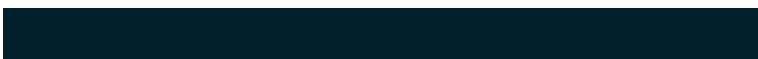
013AD6



60686B



0080AB



00212B

Inverse Universe

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



D601A1



FF00C0



D69D01



6B6068



AB0080



2B0021

Previews

White Background



This preview shows how the Hex color 01A1D6 looks on a white background.

Color Contrast Check

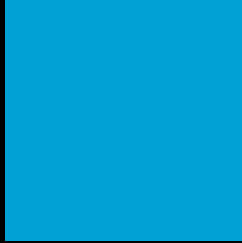
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 01A1D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

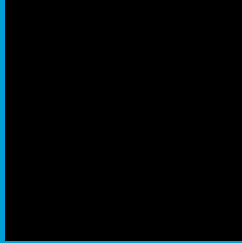
Any Text WCAG AA ✓ Pass

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 01A1D6 Background



This preview shows how black text looks on a background with the Hex color 01A1D6.

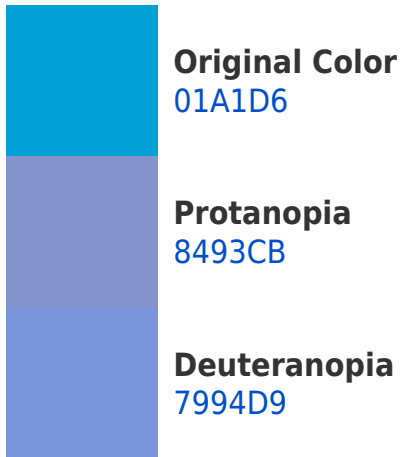


This preview shows how white text looks on a background with the Hex color 01A1D6.

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
00A6B2

Trichromacy



Original Color
01A1D6



Protanomaly
5498CF



Deuteranomaly
4D99D8



Tritanomaly
00A4BF

Monochromacy



Original Color
01A1D6



Achromatopsia
777777



Achromatomaly
4C869A

CSS Examples

Text

The CSS property to change the color of the text to Hex 01A1D6 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 #01A1D6 looks like.

```
.text, #text, p{  
    color:#01A1D6  
}
```

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 #01A1D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01A1D6
}
```

Border

The CSS property to change the border of an element to Hex 01A1D6 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
#01A1D6 }
```

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

```
.border{ border-color:#01A1D6 }
```

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

Here you see how a box with a 4 pixel #01A1D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01A1D6; -webkit-box-shadow:4px 4px  
4px 4px #01A1D6; box-shadow:4px 4px 4px  
4px #01A1D6 }
```

Background

The CSS property to change the background color of an element to Hex 01A1D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01A1D6 }
```

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

```
.background{ background-color:#01A1D6 }
```

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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