

Converting Colors

Hex(0D6DAB)

Have a look what the booklet for
Hex(0D6DAB) contains.

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Color

Hex(0D6DAB)

Conversions

Conversions Part 1

Format	Color
Hex	0D6DAB
RGB	13, 109, 171
RGB Percent	5%, 43%, 67%
CMY	0.9490, 0.5725, 0.3294
CMYK	0.92, 0.36, 0.00, 0.33
HSL	204°, 86%, 36%
HSV	204°, 92%, 67%
XYZ	12.9853, 13.9631, 40.5388
YIQ	87.3640, -77.1180, -1.0700

Conversions

Conversions Part 2

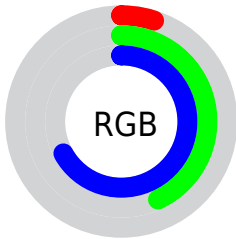
Format	Color
R _{YB}	13, 73, 171
Decimal	880043
CIE _{Lab}	44.18, -1.88, -40.12
CIE _{LCh}	44, 40.165, 267.320
Y _{xy}	13.9631, 0.1924, 0.2069
Android (android.graphics.Color)	4279070123 (0xFF0D6DAB)
Y _{UV}	87.3640, 41.2325, -65.2172
Hunter-Lab	37.3673, -3.3631, -38.1652

Details

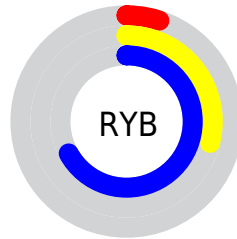
The Hex color **0D6DAB** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **AB4B0D**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **5CA0E3**, and **003E76** is the 20% darker color. If you saturate the color by 10%, you get **0068AB**, and if you desaturate by 10%, it is **1E74AB**.

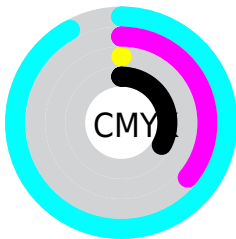
Distribution



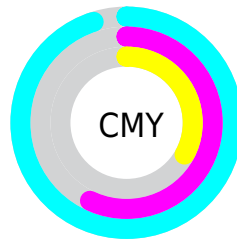
- Red (5%)
- Green (43%)
- Blue (67%)



- Red (5%)
- Yellow (29%)
- Blue (67%)



- Cyan (92%)
- Magenta (36%)
- Yellow (0%)
- Black (33%)



- Cyan (95%)
- Magenta (57%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D6DAB 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 0D6DAB by changing the saturation by 10% instead.

■ 0D6DAB

■ 0D6DAB

FFFFFF

■ 005590

■ 5CA0E3

■ 003E76

■ 7ABBFF

■ 00295D

■ 98D7FF

■ 001445

■ B5F3FF

■ 00042E

■ D3FFFF

■ 000119

■ F1FFFF

■ 000000

■ 0D6DAB

■ 0D6DAB

■ 0068AB

■ 1E74AB

■ 2F7AAB

■ 4081AB

■ 5188AB

■ 628FAB

■ 7495AB

■ 859CAB

■ 96A3AB

■ A7A9AB

Harmonies

Analogous

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



0075A0



0D6DAB



6561A4

Triad

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



0D6DAB



A54E4C



317643

Complementary

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



0D6DAB



AB4B0D

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.



5D702A



0D6DAB



975931

Square

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



0D6DAB



A34B6D



7E6622



007964

Rectangle

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



0D6DAB



835896



7E6622



427439

Sweetspot

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



0D6DAB



A0C5DE



0DAB4A



4A6170



F0F0F0



707070

Same Dimension

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



0D6DAB



0087DE



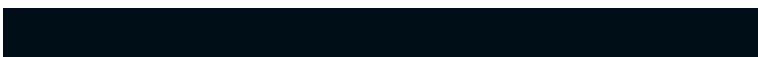
0D1FAB



4E5357



005B96



000E17

Inverse Universe

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



AB0D6D



DE0087



AB990D



574E53



96005B



17000E

Previews

White Background



This preview shows how the Hex color 0D6DAB looks on a white background.

Color Contrast Check

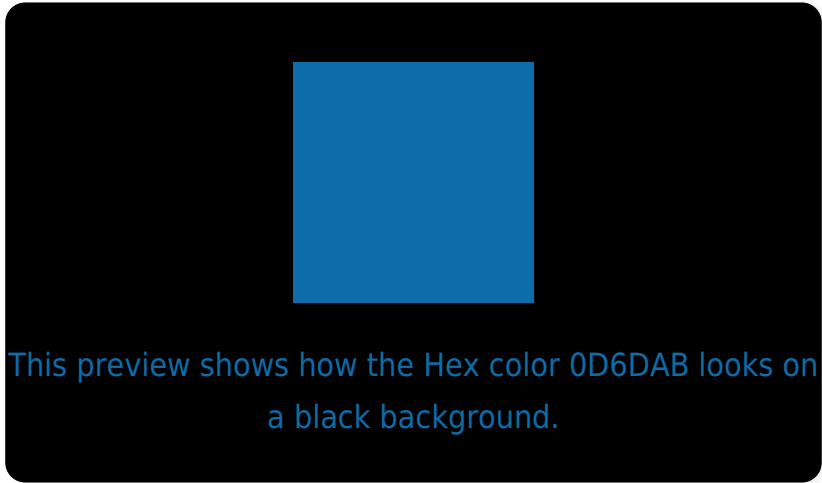
Large Text (above 18pt) WCAG AA ✓ Pass

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

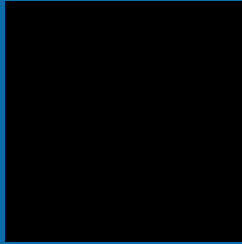
Any Text WCAG AA × Fail

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 0D6DAB Background



This preview shows how black text looks on a background with the Hex color 0D6DAB.

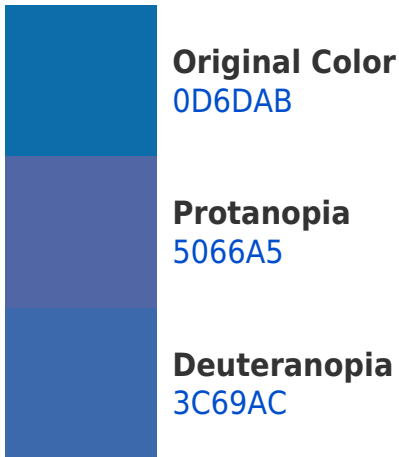


This preview shows how white text looks on a background with the Hex color 0D6DAB.

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](#).

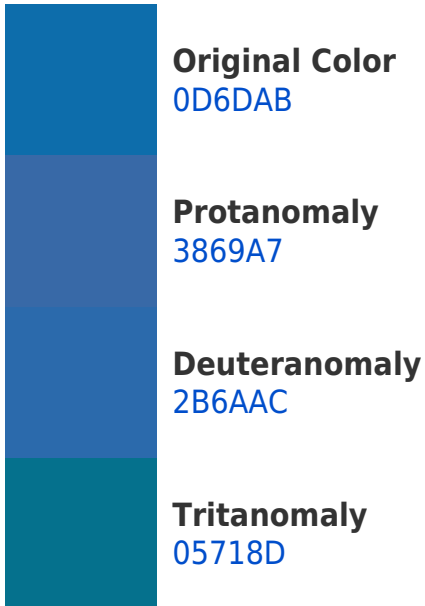
Dichromacy



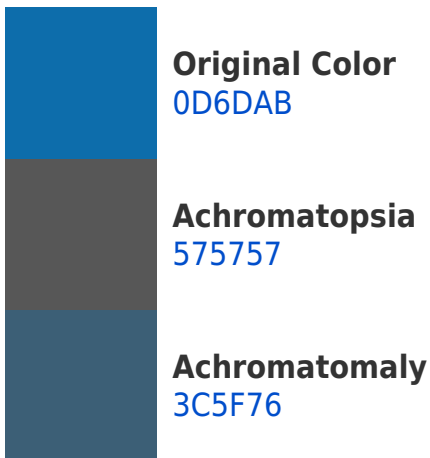


Tritanopia
00747C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0D6DAB 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 #0D6DAB looks like.

```
.text, #text, p{  
    color:#0D6DAB  
}
```

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 #0D6DAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D6DAB
}
```

Border

The CSS property to change the border of an element to Hex 0D6DAB 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
#0D6DAB }
```

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

```
.border{ border-color:#0D6DAB }
```

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

Here you see how a box with a 4 pixel #0D6DAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D6DAB; -webkit-box-shadow:4px 4px  
4px 4px #0D6DAB; box-shadow:4px 4px 4px  
4px #0D6DAB }
```

Background

The CSS property to change the background color of an element to Hex 0D6DAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D6DAB }
```

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

```
.background{ background-color:#0D6DAB }
```

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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