

Converting Colors

Hex(176DAB)

Have a look what the booklet for
Hex(176DAB) contains.

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Color

Hex(176DAB)

Conversions

Conversions Part 1

Format	Color
Hex	176DAB
RGB	23, 109, 171
RGB Percent	9%, 43%, 67%
CMY	0.9098, 0.5725, 0.3294
CMYK	0.87, 0.36, 0.00, 0.33
HSL	205°, 76%, 38%
HSV	205°, 87%, 67%
XYZ	13.1727, 14.0597, 40.5476
YIQ	90.3540, -71.1580, 1.0500

Conversions

Conversions Part 2

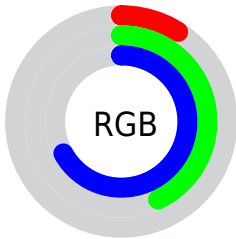
Format	Color
R_{YB}	23, 77, 171
Decimal	1535403
CIE _{Lab}	44.32, -1.24, -39.89
CIE _{LCh}	44, 39.912, 268.216
Yxy	14.0597, 0.1943, 0.2074
Android (android.graphics.Color)	4279725483 (0xFF176DAB)
YUV	90.3540, 39.7585, -59.0695
Hunter-Lab	37.4963, -2.9103, -37.8674

Details

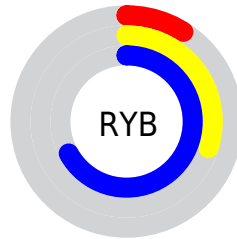
The Hex color **176DAB** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **AB5517**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **60A0E3**, and **003E76** is the 20% darker color. If you saturate the color by 10%, you get **0666AB**, and if you desaturate by 10%, it is **2874AB**.

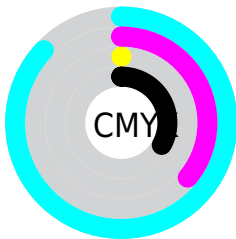
Distribution



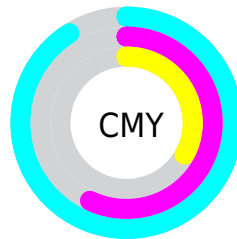
- Red (9%)
- Green (43%)
- Blue (67%)



- Red (9%)
- Yellow (30%)
- Blue (67%)



- Cyan (87%)
- Magenta (36%)
- Yellow (0%)
- Black (33%)



- Cyan (91%)
- Magenta (57%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 176DAB 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 176DAB by changing the saturation by 10% instead.

■ 176DAB

■ 176DAB

FFFFFF

■ 005590

■ 60A0E3

■ 003E76

■ 7DBBFF

■ 00295D

■ 9BD7FF

■ 001445

■ B8F3FF

■ 00042E

■ D6FFFF

■ 000119

■ F4FFFF

■ 000000

■ 176DAB

■ 176DAB

■ 0666AB

■ 2874AB

0063AB

397BAB

4A82AB

5B8AAB

6C91AB

7E98AB

8F9FAB

A0A6AB

B1ADAB

Harmonies

Analogous

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



0075A1



176DAB



6761A3

Triad

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



176DAB



A54F4B



307644

Complementary

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



176DAB



AB5517

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.



5C702B



176DAB



975A31

Square

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



176DAB



A44C6C



7D6623



007966

Rectangle

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



176DAB



845895



7D6623



41753B

Sweetspot

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



176DAB



A4C6DE



17AB55



4D6270



F0F0F0



707070

Same Dimension

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



176DAB



0081DE



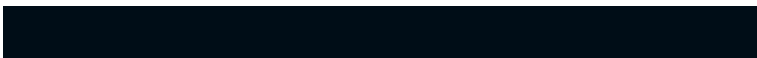
1723AB



4E5357



005796



000D17

Inverse Universe

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



AB176D



DE0081



AB9F17



574E53



960057



17000D

Previews

White Background



This preview shows how the Hex color 176DAB looks on a white background.

Color Contrast Check

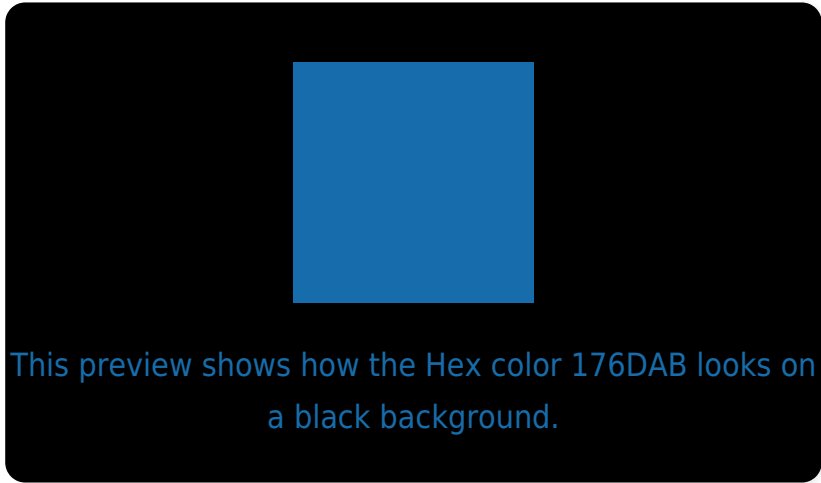
Large Text (above 18pt) WCAG AA ✓ Pass

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 176DAB Background



This preview shows how black text looks on a background with the Hex color 176DAB.

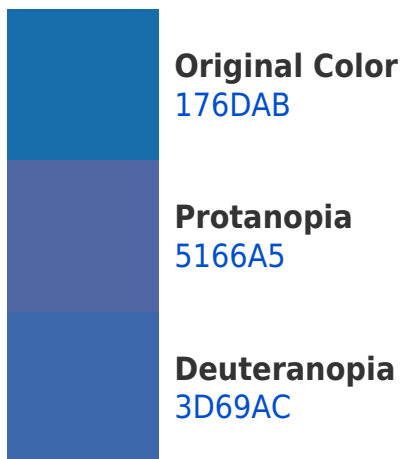


This preview shows how white text looks on a background with the Hex color 176DAB.

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



Trichromacy



Original Color
176DAB

Protanomaly
3C69A7

Deuteranomaly
2F6AAC

Monochromacy



Original Color
176DAB

Achromatopsia
5A5A5A

Achromatomaly
426177

CSS Examples

Text

The CSS property to change the color of the text to Hex 176DAB 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 #176DAB looks like.

```
.text, #text, p{  
    color:#176DAB  
}
```

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 #176DAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #176DAB
}
```

Border

The CSS property to change the border of an element to Hex 176DAB 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
#176DAB }
```

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

```
.border{ border-color:#176DAB }
```

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

Here you see how a box with a 4 pixel #176DAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #176DAB; -webkit-box-shadow:4px 4px  
4px 4px #176DAB; box-shadow:4px 4px 4px  
4px #176DAB }
```

Background

The CSS property to change the background color of an element to Hex 176DAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#176DAB }
```

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

```
.background{ background-color:#176DAB }
```

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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