

Converting Colors

Hex(3176AC)

Have a look what the booklet for
Hex(3176AC) contains.

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Color

Hex(3176AC)

Conversions

Conversions Part 1

Format	Color
Hex	3176AC
RGB	49, 118, 172
RGB Percent	19%, 46%, 67%
CMY	0.8078, 0.5373, 0.3255
CMYK	0.72, 0.31, 0.00, 0.33
HSL	206°, 56%, 43%
HSV	206°, 72%, 67%
XYZ	15.1914, 16.5884, 41.4309
YIQ	103.5250, -58.4580, 2.1660

Conversions

Conversions Part 2

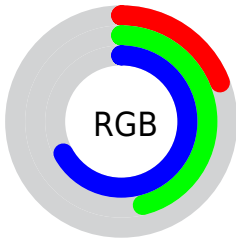
Format	Color
R_{YB}	49, 93, 172
Decimal	3241644
CIE _{Lab}	47.74, -3.38, -35.04
CIE _{LCh}	48, 35.199, 264.485
Yxy	16.5884, 0.2075, 0.2266
Android (android.graphics.Color)	4281431724 (0xFF3176AC)
YUV	103.5250, 33.7582, -47.8184
Hunter-Lab	40.7289, -4.6968, -31.8018

Details

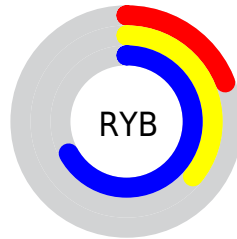
The Hex color **3176AC** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AC6731**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **6EAAE4**, and **004677** is the 20% darker color. If you saturate the color by 10%, you get **206EAC**, and if you desaturate by 10%, it is **427EAC**.

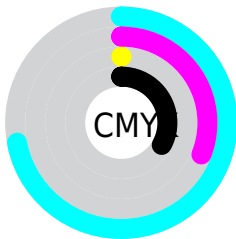
Distribution



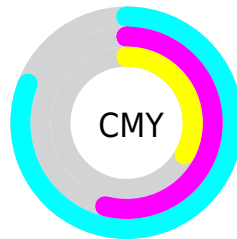
- Red (19%)
- Green (46%)
- Blue (67%)



- Red (19%)
- Yellow (36%)
- Blue (67%)



- Cyan (72%)
- Magenta (31%)
- Yellow (0%)
- Black (33%)



- Cyan (81%)
- Magenta (54%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3176AC 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 3176AC by changing the saturation by 10% instead.

■ 3176AC

■ 3176AC

FFFFFF

■ 005D91

■ 6EAAE4

■ 004677

■ 8BC5FF

■ 00305E

■ A8E1FF

■ 001C46

■ C5FEFF

■ 000430

■ E2FFFF

■ 00011A

■ 000000

■ 3176AC

■ 3176AC

■ 206EAC

■ 427EAC

0F67AC

5385AC

0060AC

658DAC

7694AC

879CAC

98A3AC

A9ABAC

BBB2AC

CCBAAC

Harmonies

Analogous

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



007DA1



3176AC



6B6CA7

Triad

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



3176AC



A95A5A



477D4E

Complementary

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



3176AC



AC6731

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.



6B7739



3176AC



9E6342

Square

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



3176AC



A55978



886E35



08806B

Rectangle

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



3176AC



86649C



886E35



547B46

Sweetspot

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



3176AC



B1CCE0



31AC66



546470



F0F0F0



707070

Same Dimension

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



3176AC



1F8CE0



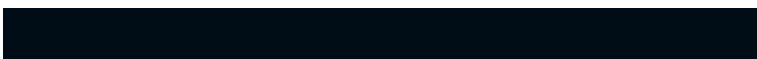
3139AC



4E5357



005496



000D17

Inverse Universe

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



AC3176



E01F8C



ACA431



574E53



960054



17000D

Previews

White Background



This preview shows how the Hex color 3176AC looks on a white background.

Color Contrast Check

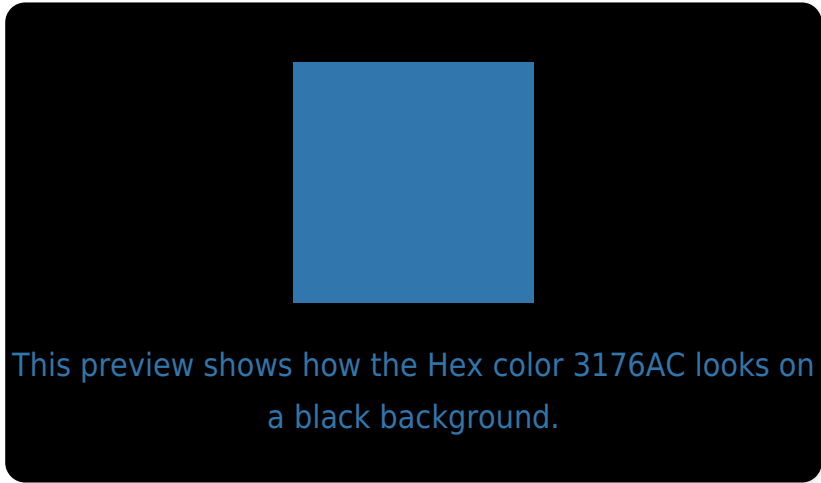
Large Text (above 18pt) WCAG AA ✓ Pass

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

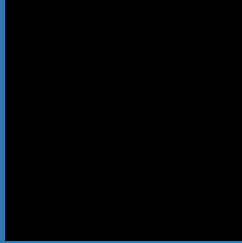
Any Text WCAG AA × Fail

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 3176AC Background



This preview shows how black text looks on a background with the Hex color 3176AC.

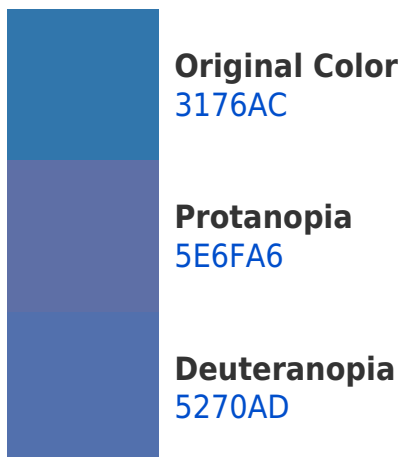


This preview shows how white text looks on a background with the Hex color 3176AC.

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](#).

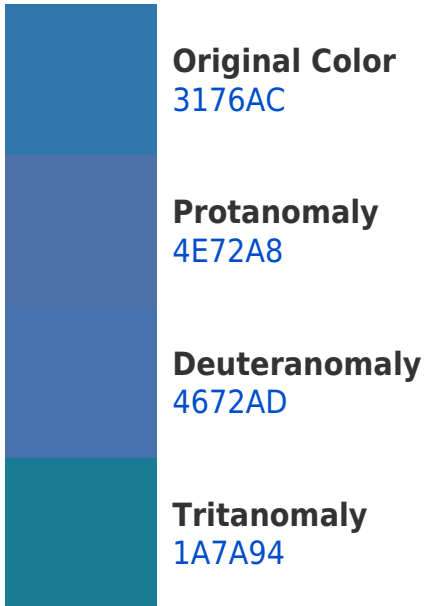
Dichromacy



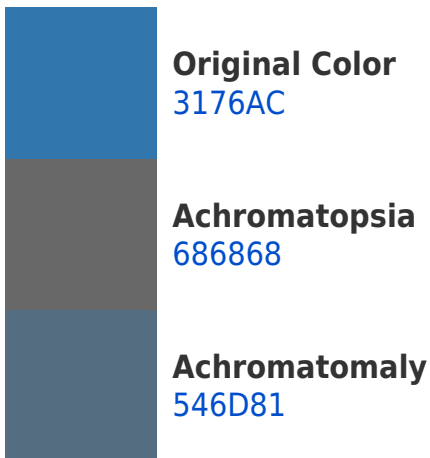


Tritanopia
0D7D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3176AC 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 #3176AC looks like.

```
.text, #text, p{  
    color:#3176AC  
}
```

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 #3176AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3176AC
}
```

Border

The CSS property to change the border of an element to Hex 3176AC 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
#3176AC }
```

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

```
.border{ border-color:#3176AC }
```

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

Here you see how a box with a 4 pixel #3176AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3176AC; -webkit-box-shadow:4px 4px  
4px 4px #3176AC; box-shadow:4px 4px 4px  
4px #3176AC }
```

Background

The CSS property to change the background color of an element to Hex 3176AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3176AC }
```

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

```
.background{ background-color:#3176AC }
```

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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