

Converting Colors

Hex(2077AC)

Have a look what the booklet for
Hex(2077AC) contains.

Hex(2077AC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2077AC)

Conversions

Conversions Part 1

Format	Color
Hex	2077AC
RGB	32, 119, 172
RGB Percent	13%, 47%, 67%
CMY	0.8745, 0.5333, 0.3255
CMYK	0.81, 0.31, 0.00, 0.33
HSL	203°, 69%, 40%
HSV	203°, 81%, 67%
XYZ	14.6389, 16.4793, 41.4390
YIQ	99.0290, -68.8650, -1.9610

Conversions

Conversions Part 2

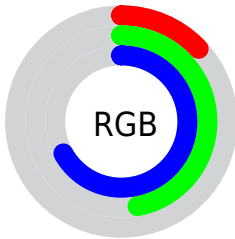
Format	Color
R _Y B	32, 86, 172
Decimal	2127788
CIE Lab	47.60, -6.11, -35.29
CIE LCh	48, 35.812, 260.176
Yxy	16.4793, 0.2018, 0.2271
Android (android.graphics.Color)	4280317868 (0xFF2077AC)
YUV	99.0290, 35.9747, -58.7844
Hunter-Lab	40.5947, -6.6717, -32.1069

Details

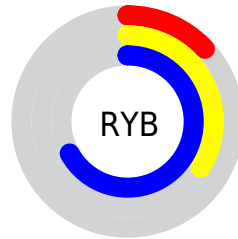
The Hex color **2077AC** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **AC5520**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **64ABE4**, and **004777** is the 20% darker color. If you saturate the color by 10%, you get **0F70AC**, and if you desaturate by 10%, it is **317EAC**.

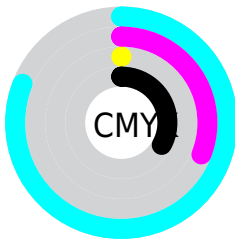
Distribution



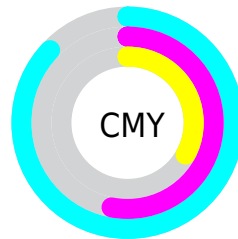
- Red (13%)
- Green (47%)
- Blue (67%)



- Red (13%)
- Yellow (34%)
- Blue (67%)



- Cyan (81%)
- Magenta (31%)
- Yellow (0%)
- Black (33%)



- Cyan (87%)
- Magenta (53%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2077AC 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 2077AC by changing the saturation by 10% instead.

■ 2077AC

■ 2077AC

FFFFFF

■ 005E91

■ 64ABE4

■ 004777

■ 82C6FF

■ 00315E

■ 9FE2FF

■ 001D46

■ BCFFFF

■ 000430

■ DAFFFF

■ 00011A

■ F8FFFF

■ 000000

■ 2077AC

■ 2077AC

■ 0F70AC

■ 317EAC

■ 006BAC

■ 4284AC

■ 548BAC

■ 6591AC

■ 7698AC

■ 879EAC

■ 98A5AC

■ AAABAC

■ BBB2AC

Harmonies

Analogous

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



007E9E



2077AC



646DA9

Triad

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



2077AC



AA595E



4C7C49

Complementary

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



2077AC



AC5520

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.



6F7536



2077AC



A16144

Square

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



2077AC



A4597C



8C6C34



148066

Rectangle

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



2077AC



81659F



8C6C34



587A41

Sweetspot

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



2077AC



ABCCE0



20AC53



506470



F0F0F0



707070

Same Dimension

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



2077AC



048DE0



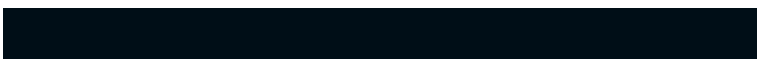
2033AC



4E5357



005D96



000E17

Inverse Universe

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



AC2077



E0048D



AC9920



574E53



96005D



17000E

Previews

White Background



This preview shows how the Hex color 2077AC looks on a white background.

Color Contrast Check

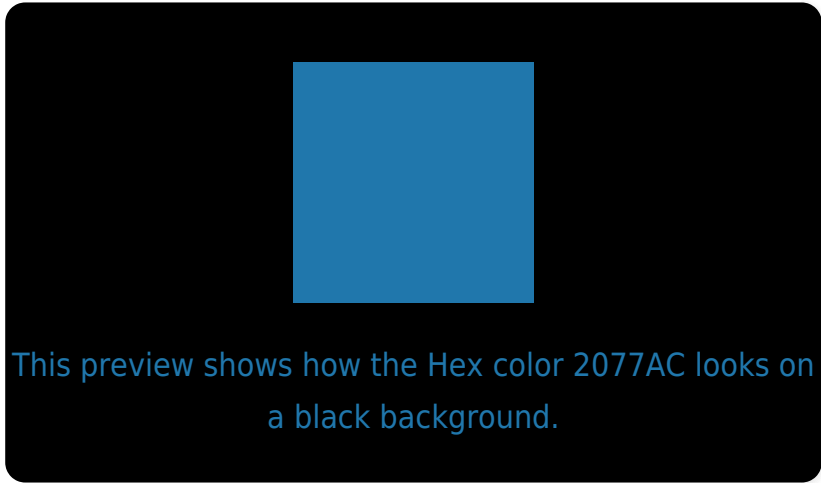
Large Text (above 18pt) WCAG AA ✓ Pass

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

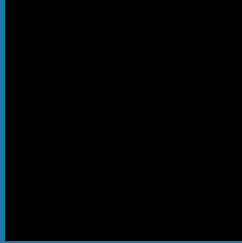
Any Text WCAG AA × Fail

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 2077AC Background



This preview shows how black text looks on a background with the Hex color 2077AC.

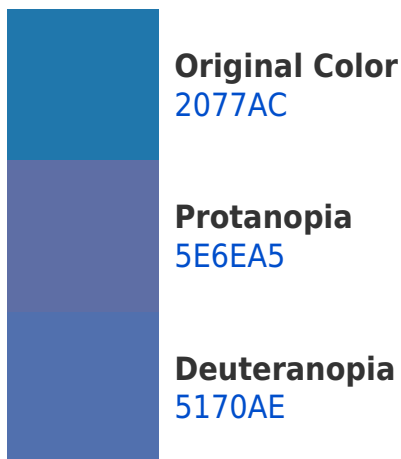


This preview shows how white text looks on a background with the Hex color 2077AC.

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](#).

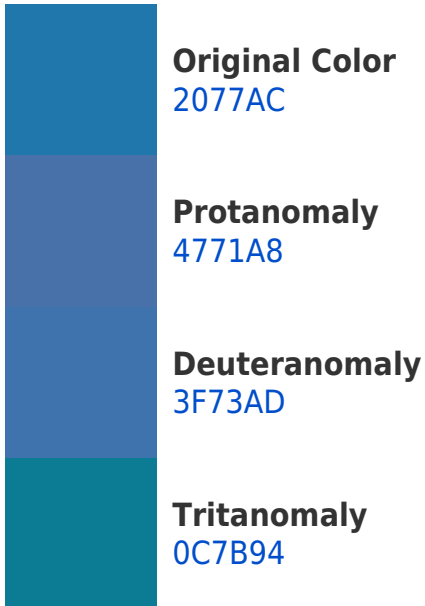
Dichromacy



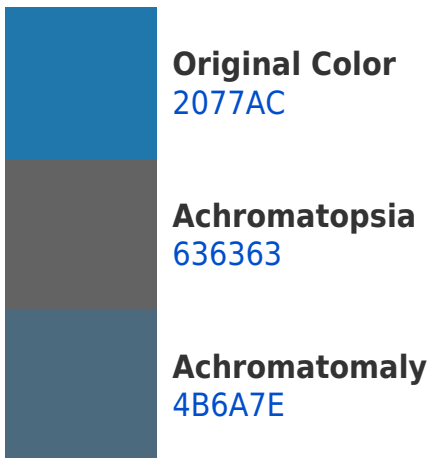


Tritanopia
007D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2077AC 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 #2077AC looks like.

```
.text, #text, p{  
    color:#2077AC  
}
```

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 #2077AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2077AC
}
```

Border

The CSS property to change the border of an element to Hex 2077AC 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
#2077AC }
```

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

```
.border{ border-color:#2077AC }
```

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

Here you see how a box with a 4 pixel #2077AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2077AC; -webkit-box-shadow:4px 4px  
4px 4px #2077AC; box-shadow:4px 4px 4px  
4px #2077AC }
```

Background

The CSS property to change the background color of an element to Hex 2077AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2077AC }
```

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

```
.background{ background-color:#2077AC }
```

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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