

Converting Colors

Hex(2D73A7)

Have a look what the booklet for
Hex(2D73A7) contains.

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Color

Hex(2D73A7)

Conversions

Conversions Part 1

Format	Color
Hex	2D73A7
RGB	45, 115, 167
RGB Percent	18%, 45%, 65%
CMY	0.8235, 0.5490, 0.3451
CMYK	0.73, 0.31, 0.00, 0.35
HSL	206°, 58%, 42%
HSV	206°, 73%, 65%
XYZ	14.1880, 15.6094, 38.8243
YIQ	99.9980, -58.4120, 1.3320

Conversions

Conversions Part 2

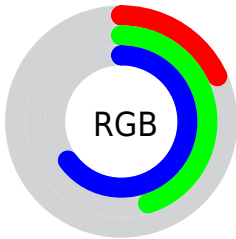
Format	Color
R_{YB}	45, 89, 167
Decimal	2978727
CIE _{Lab}	46.46, -3.98, -34.14
CIE _{LCh}	46, 34.368, 263.350
Yxy	15.6094, 0.2068, 0.2275
Android (android.graphics.Color)	4281168807 (0xFF2D73A7)
YUV	99.9980, 33.0320, -48.2332
Hunter-Lab	39.5087, -5.0391, -30.6069

Details

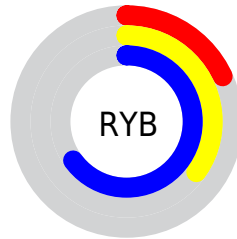
The Hex color **2D73A7** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A7612D**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **6AA7DE**, and **004373** is the 20% darker color. If you saturate the color by 10%, you get **1C6CA7**, and if you desaturate by 10%, it is **3E7AA7**.

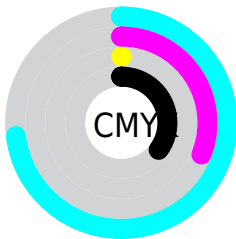
Distribution



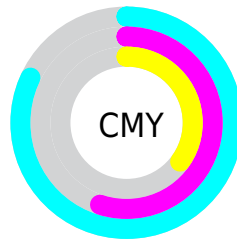
- Red (18%)
- Green (45%)
- Blue (65%)



- Red (18%)
- Yellow (35%)
- Blue (65%)



- Cyan (73%)
- Magenta (31%)
- Yellow (0%)
- Black (35%)



- Cyan (82%)
- Magenta (55%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D73A7 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 2D73A7 by changing the saturation by 10% instead.

■ 2D73A7

■ 2D73A7

FFFFFF

■ 005B8C

■ 6AA7DE

■ 004373

■ 87C2FB

■ 002D5A

■ A4DEFF

■ 001942

■ C1FAFF

■ 00032C

■ DEFFFF

■ 000116

■ FCFFFF

■ 000000

■ 2D73A7

■ 2D73A7

■ 1C6CA7

■ 3E7AA7

0C65A7

4E81A7

0060A7

5F88A7

708FA7

8097A7

919EA7

A2A5A7

B3ACA7

C3B3A7

Harmonies

Analogous

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



007A9C



2D73A7



6769A3

Triad

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



2D73A7



A55859



47794B

Complementary

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



2D73A7



A7612D

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.



697337



2D73A7



9A6041

Square

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



2D73A7



A05776



856A34



0E7D66

Rectangle

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



2D73A7



816298



856A34



537843

Sweetspot

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



2D73A7



A9C4D9



2DA760



51616E



EDEDED



6E6E6E

Same Dimension

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



2D73A7



1A87D9



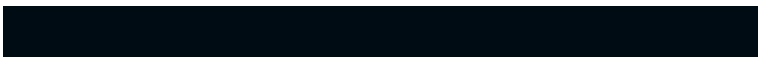
2D37A7



4C5154



005594



000C14

Inverse Universe

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



A72D73



D91A87



A79D2D



544C51



940055



14000C

Previews

White Background



This preview shows how the Hex color 2D73A7 looks on a white background.

Color Contrast Check

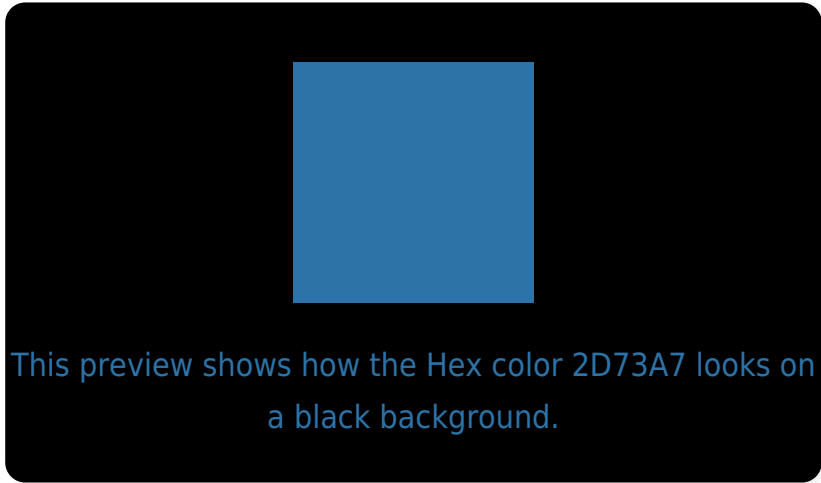
Large Text (above 18pt) WCAG AA ✓ Pass

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

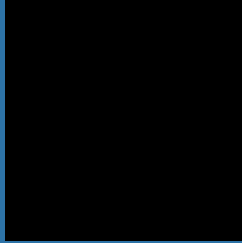
Any Text WCAG AA × Fail

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 2D73A7 Background



This preview shows how black text looks on a background with the Hex color 2D73A7.

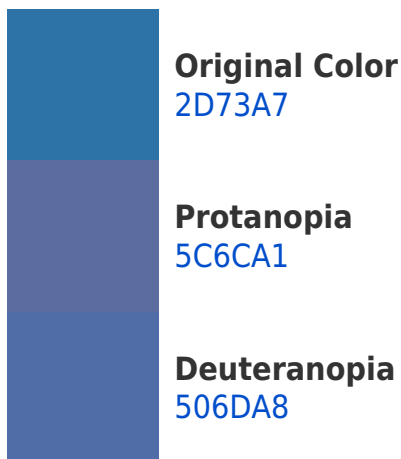


This preview shows how white text looks on a background with the Hex color 2D73A7.

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](#).

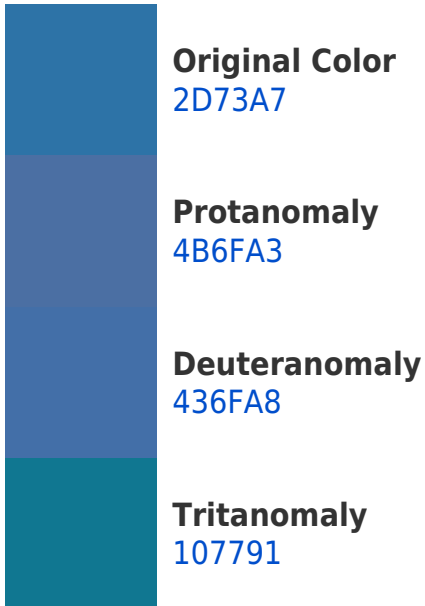
Dichromacy





Tritanopia
007A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D73A7 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 #2D73A7 looks like.

```
.text, #text, p{  
    color:#2D73A7  
}
```

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 #2D73A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D73A7
}
```

Border

The CSS property to change the border of an element to Hex 2D73A7 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
#2D73A7 }
```

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

```
.border{ border-color:#2D73A7 }
```

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

Here you see how a box with a 4 pixel #2D73A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D73A7; -webkit-box-shadow:4px 4px  
4px 4px #2D73A7; box-shadow:4px 4px 4px  
4px #2D73A7 }
```

Background

The CSS property to change the background color of an element to Hex 2D73A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D73A7 }
```

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

```
.background{ background-color:#2D73A7 }
```

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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