

Converting Colors

Hex(2873C6)

Have a look what the booklet for
Hex(2873C6) contains.

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Color

Hex(2873C6)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2873C6 |
| RGB | 40, 115, 198 |
| RGB Percent | 16%, 45%, 78% |
| CMY | 0.8431, 0.5490, 0.2235 |
| CMYK | 0.80, 0.42, 0.00, 0.22 |
| HSL | 212°, 66%, 47% |
| HSV | 212°, 80%, 78% |
| XYZ | 17.1988, 16.7898, 55.7604 |
| YIQ | 102.0370, -71.3430, 9.9130 |

Conversions

Conversions Part 2

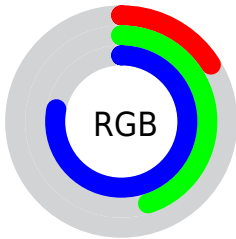
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 40, 91, 198 |
| Decimal | 2651078 |
| CIE Lab | 47.99, 6.97, -49.68 |
| CIE LCh | 48, 50.164, 277.987 |
| Yxy | 16.7898, 0.1916, 0.1871 |
| Android (android.graphics.Color) | 4280841158 (0xFF2873C6) |
| YUV | 102.0370, 47.3098, -54.4064 |
| Hunter-Lab | 40.9754, 3.2161, -52.0007 |

Details

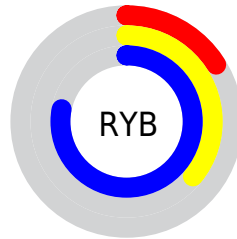
The Hex color **2873C6** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **C67B28**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **6EA6FF**, and **00448F** is the 20% darker color. If you saturate the color by 10%, you get **1469C6**, and if you desaturate by 10%, it is **3C7DC6**.

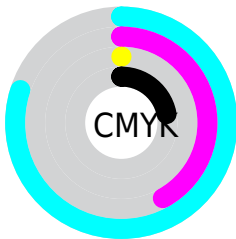
Distribution



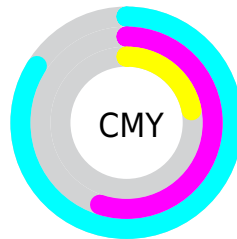
- Red (16%)
- Green (45%)
- Blue (78%)



- Red (16%)
- Yellow (36%)
- Blue (78%)



- Cyan (80%)
- Magenta (42%)
- Yellow (0%)
- Black (22%)



- Cyan (84%)
- Magenta (55%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2873C6 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 2873C6 by changing the saturation by 10% instead.

 2873C6

 2873C6

FFFFFF

 005BAA

 6EA6FF

 00448F

 8CC1FF

 002E75

 AADDFE

 001B5C

 C8FAFF

 000744

 E6FFFF

 00032D

 000117

 000000

 2873C6

 2873C6

■ 1469C6

■ 3C7DC6

■ 005EC6

■ 5088C6

■ 6392C6

■ 779DC6

■ 8BA7C6

■ 9FB1C6

■ B3BCC6

■ C6C6C6

■ DAD1C6

Harmonies

Analogous

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



007FC0



2873C6



8262B5

Triad

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



2873C6



B85340



008450

Complementary

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



2873C6



C67B28

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.



507E2A



2873C6



A1641F

Square

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



2873C6



BE4968



7D7312



00867C

Rectangle

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



2873C6



A2559F



7D7312



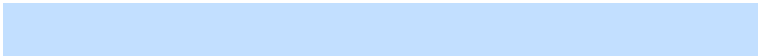
218243

Sweetspot

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



2873C6



C2DFFF



28C67A



5B6C80



000000



808080

Same Dimension

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



2873C6



0A7EFF



2B28C6



5A5E63



004DA3



001124

Inverse Universe

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



C62873



FF0A7E



C3C628



635A5E



A3004D



240011

Previews

White Background



This preview shows how the Hex color 2873C6 looks on a white background.

Color Contrast Check

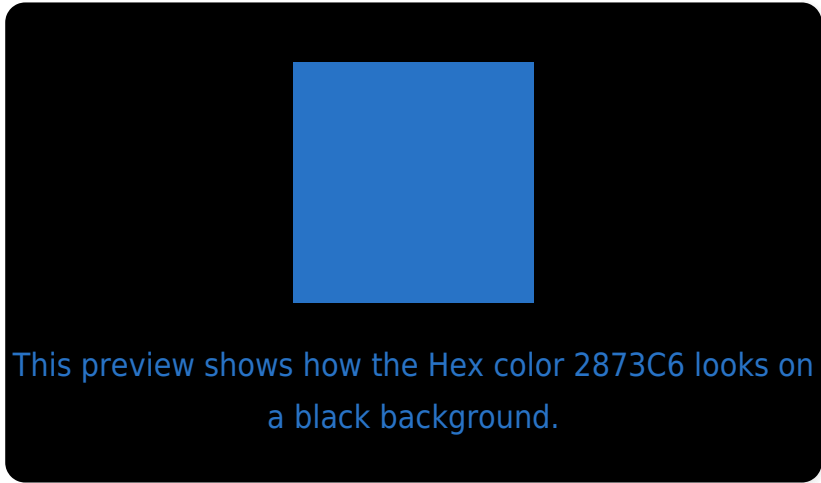
Large Text (above 18pt) WCAG AA ✓ Pass

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

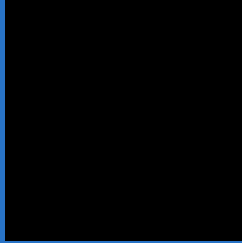
Any Text WCAG AA × Fail

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 2873C6 Background



This preview shows how black text looks on a background with the Hex color 2873C6.

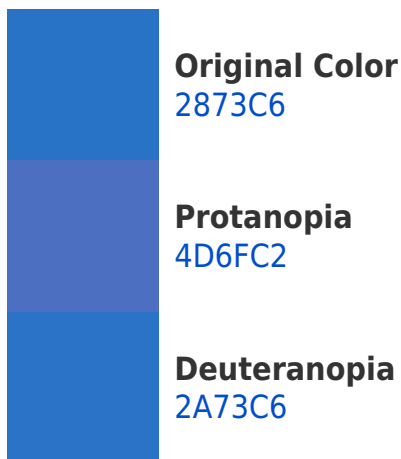


This preview shows how white text looks on a background with the Hex color 2873C6.

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
2873C6

Protanomaly
4070C3

Deuteranomaly
2973C6

Monochromacy



Original Color
2873C6

Achromatopsia
666666

Achromatomaly
4F6B89

CSS Examples

Text

The CSS property to change the color of the text to Hex 2873C6 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 #2873C6 looks like.

```
.text, #text, p{  
    color:#2873C6  
}
```

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 #2873C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2873C6
}
```

Border

The CSS property to change the border of an element to Hex 2873C6 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
#2873C6 }
```

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

```
.border{ border-color:#2873C6 }
```

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

Here you see how a box with a 4 pixel #2873C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2873C6; -webkit-box-shadow:4px 4px  
4px 4px #2873C6; box-shadow:4px 4px 4px  
4px #2873C6 }
```

Background

The CSS property to change the background color of an element to Hex 2873C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2873C6 }
```

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

```
.background{ background-color:#2873C6 }
```

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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