

Converting Colors

Hex(2890B5)

Have a look what the booklet for
Hex(2890B5) contains.

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Color

Hex(2890B5)

Conversions

Conversions Part 1

Format	Color
Hex	2890B5
RGB	40, 144, 181
RGB Percent	16%, 56%, 71%
CMY	0.8431, 0.4353, 0.2902
CMYK	0.78, 0.20, 0.00, 0.29
HSL	196°, 64%, 43%
HSV	196°, 78%, 71%
XYZ	19.1888, 23.7338, 47.2858
YIQ	117.1220, -73.8610, -10.5410

Conversions

Conversions Part 2

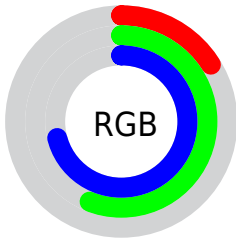
Format	Color
RYB	40, 100, 181
Decimal	2658485
CIELab	55.82, -16.25, -27.63
CIELCh	56, 32.053, 239.535
Yxy	23.7338, 0.2127, 0.2631
Android (android.graphics.Color)	4280848565 (0xFF2890B5)
YUV	117.1220, 31.4919, -67.6360
Hunter-Lab	48.7174, -14.9478, -23.4456

Details

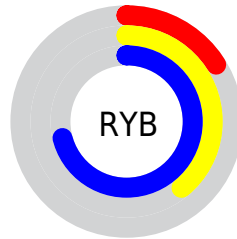
The Hex color **2890B5** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B54D28**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **6BC6ED**, and **005E80** is the 20% darker color. If you saturate the color by 10%, you get **168BB5**, and if you desaturate by 10%, it is **3A95B5**.

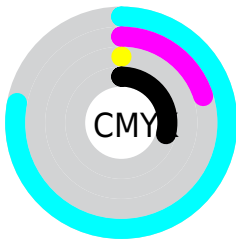
Distribution



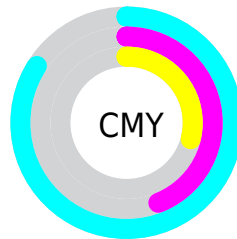
- Red (16%)
- Green (56%)
- Blue (71%)



- Red (16%)
- Yellow (39%)
- Blue (71%)



- Cyan (78%)
- Magenta (20%)
- Yellow (0%)
- Black (29%)



- Cyan (84%)
- Magenta (44%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2890B5 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 2890B5 by changing the saturation by 10% instead.

 2890B5

 2890B5

FFFFFF

 00769A

 6BC6ED

 005E80

 89E2FF

 004667

 A7FFFF

 002F4F

 C4FFFF

 001C37

 E2FFFF

 000222

 000008

 000000

 2890B5

 2890B5

■ 168BB5

■ 3A95B5

■ 0487B5

■ 4C99B5

■ 0086B5

■ 5E9EB5

■ 70A3B5

■ 83A8B5

■ 95ACB5

■ A7B1B5

■ B9B6B5

■ CBBBB5

Harmonies

Analogous

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



0494A0



2890B5



5C89BD

Triad

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



2890B5



B97087



7C8C54

Complementary

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



2890B5



B54D28

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.



98844E



2890B5



BB726C

Square

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



2890B5



A875A2



AF7A57



5A9269

Rectangle

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



2890B5



7B82BA



AF7A57



868A50

Sweetspot

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



2890B5



B5DCEB



28B54B



546D75



F5F5F5



757575

Same Dimension

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



2890B5



10B1EB



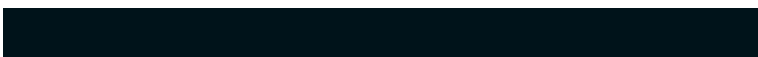
284BB5



505759



007199



00131A

Inverse Universe

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



B52890



EB10B1



B59228



595057



990071



1A0013

Previews

White Background



This preview shows how the Hex color 2890B5 looks on a white background.

Color Contrast Check

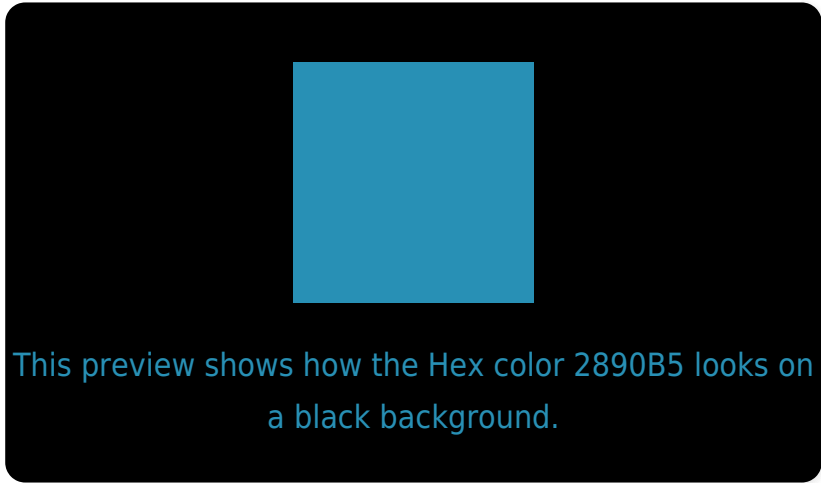
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2890B5 Background



This preview shows how black text looks on a background with the Hex color 2890B5.

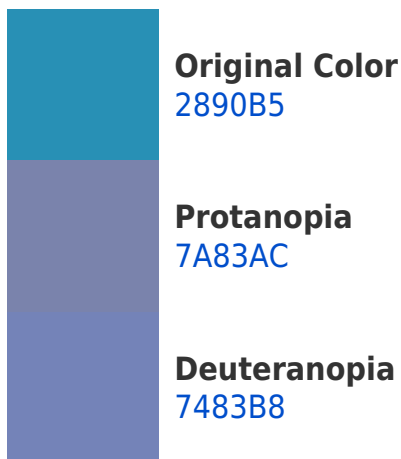


This preview shows how white text looks on a background with the Hex color 2890B5.

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](#).

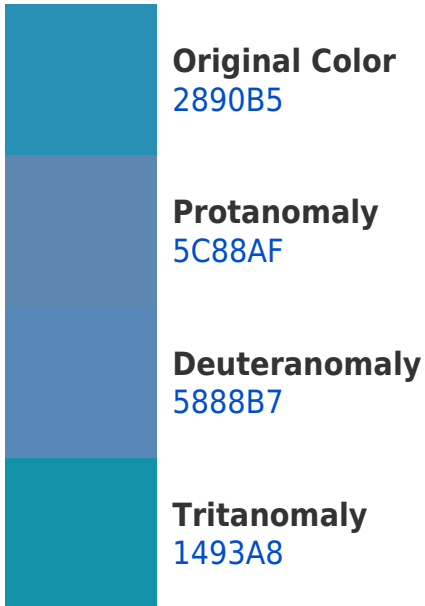
Dichromacy





Tritanopia
0894A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2890B5 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 #2890B5 looks like.

```
.text, #text, p{  
    color:#2890B5  
}
```

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 #2890B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2890B5
}
```

Border

The CSS property to change the border of an element to Hex 2890B5 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
#2890B5 }
```

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

```
.border{ border-color:#2890B5 }
```

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

Here you see how a box with a 4 pixel #2890B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2890B5; -webkit-box-shadow:4px 4px  
4px 4px #2890B5; box-shadow:4px 4px 4px  
4px #2890B5 }
```

Background

The CSS property to change the background color of an element to Hex 2890B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2890B5 }
```

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

```
.background{ background-color:#2890B5 }
```

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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