

Converting Colors

Hex(2895BE)

Have a look what the booklet for
Hex(2895BE) contains.

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Color

Hex(2895BE)

Conversions

Conversions Part 1

Format	Color
Hex	2895BE
RGB	40, 149, 190
RGB Percent	16%, 58%, 75%
CMY	0.8431, 0.4157, 0.2549
CMYK	0.79, 0.22, 0.00, 0.25
HSL	196°, 65%, 45%
HSV	196°, 79%, 75%
XYZ	20.9168, 25.6637, 52.5664
YIQ	121.0830, -78.1250, -10.3570

Conversions

Conversions Part 2

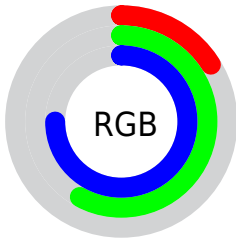
Format	Color
RYB	40, 103, 190
Decimal	2659774
CIELab	57.72, -15.87, -29.80
CIELCh	58, 33.762, 241.959
Yxy	25.6637, 0.2110, 0.2588
Android (android.graphics.Color)	4280849854 (0xFF2895BE)
YUV	121.0830, 33.9761, -71.1098
Hunter-Lab	50.6594, -14.9529, -26.0603

Details

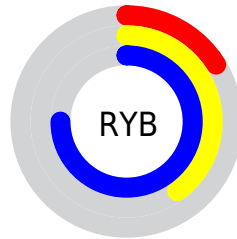
The Hex color **2895BE** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BE5128**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **6DCBF6**, and **006288** is the 20% darker color. If you saturate the color by 10%, you get **1590BE**, and if you desaturate by 10%, it is **3B9ABE**.

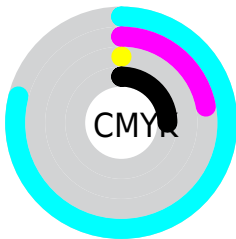
Distribution



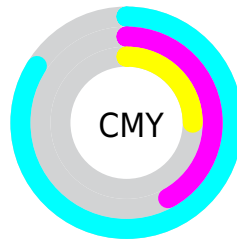
- Red (16%)
- Green (58%)
- Blue (75%)



- Red (16%)
- Yellow (40%)
- Blue (75%)



- Cyan (79%)
- Magenta (22%)
- Yellow (0%)
- Black (25%)



- Cyan (84%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2895BE 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 2895BE by changing the saturation by 10% instead.

 2895BE

 2895BE

FFFFFF

 007BA3

 6DCBF6

 006288

 8CE7FF

 004A6F

 A9FFFF

 003456

 C7FFFF

 001F3F

 E5FFFF

 000329

 000113

 000000

 2895BE

 2895BE

■ 1590BE

■ 3B9ABE

■ 028BBE

■ 4E9FBE

■ 008ABE

■ 61A5BE

■ 74AABE

■ 87AFBE

■ 9AB4BE

■ ADB9BE

■ C0BFBE

■ D3C4BE

Harmonies

Analogous

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



0099A9



2895BE



628DC5

Triad

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



2895BE



C2738A



7D9257

Complementary

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



2895BE



BE5128

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.



9C8A4F



2895BE



C2766D

Square

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



2895BE



B178A7



B47F57



59986E

Rectangle

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



2895BE



8286C1



B47F57



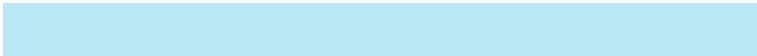
889053

Sweetspot

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



2895BE



BCE7F7



28BE50



59737D



FCFCFC



7D7D7D

Same Dimension

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



2895BE



0CB7F7



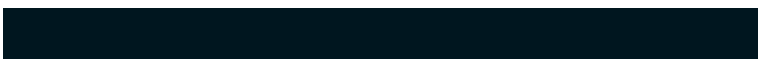
284BBE



555C5E



00739E



00161F

Inverse Universe

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



BE2895



F70CB7



BE9B28



5E555C



9E0073



1F0016

Previews

White Background



This preview shows how the Hex color 2895BE looks on a white background.

Color Contrast Check

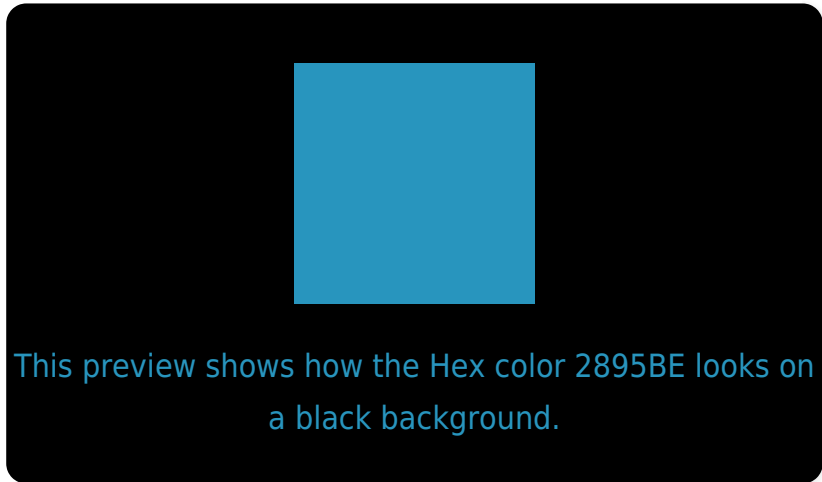
Large Text (above 18pt) WCAG AA ✓ Pass

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

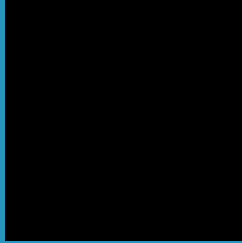
Any Text WCAG AA ✓ Pass

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 2895BE Background



This preview shows how black text looks on a background with the Hex color 2895BE.

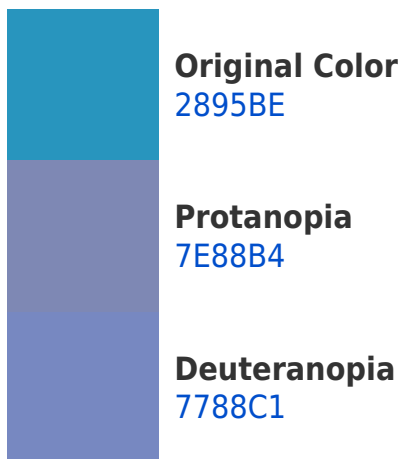


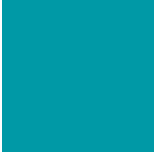
This preview shows how white text looks on a background with the Hex color 2895BE.

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](#).

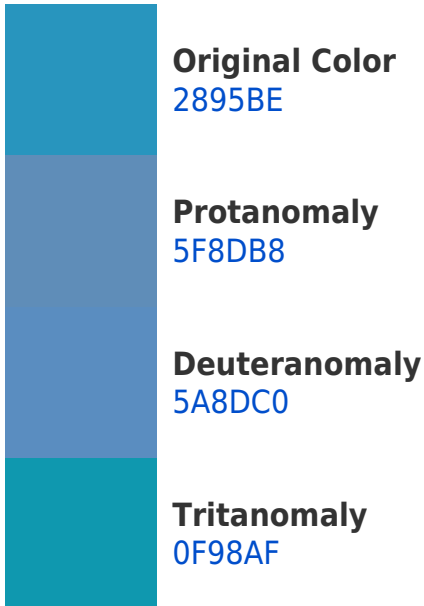
Dichromacy





Tritanopia
0099A6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2895BE 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 #2895BE looks like.

```
.text, #text, p{  
    color:#2895BE  
}
```

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 #2895BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2895BE
}
```

Border

The CSS property to change the border of an element to Hex 2895BE 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
#2895BE }
```

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

```
.border{ border-color:#2895BE }
```

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

Here you see how a box with a 4 pixel #2895BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2895BE; -webkit-box-shadow:4px 4px  
4px 4px #2895BE; box-shadow:4px 4px 4px  
4px #2895BE }
```

Background

The CSS property to change the background color of an element to Hex 2895BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2895BE }
```

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

```
.background{ background-color:#2895BE }
```

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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