

Converting Colors

Hex(2855B3)

Have a look what the booklet for
Hex(2855B3) contains.

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Color

Hex(2855B3)

Conversions

Conversions Part 1

Format	Color
Hex	2855B3
RGB	40, 85, 179
RGB Percent	16%, 33%, 70%
CMY	0.8431, 0.6667, 0.2980
CMYK	0.78, 0.53, 0.00, 0.30
HSL	221°, 63%, 43%
HSV	221°, 78%, 70%
XYZ	12.2603, 10.2028, 43.9710
YIQ	82.2610, -56.9940, 19.6940

Conversions

Conversions Part 2

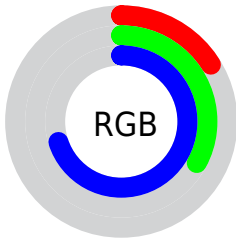
Format	Color
RYB	40, 74, 179
Decimal	2643379
CIELab	38.20, 19.00, -54.38
CIElCh	38, 57.598, 289.256
Yxy	10.2028, 0.1845, 0.1536
Android (android.graphics.Color)	4280833459 (0xFF2855B3)
YUV	82.2610, 47.6923, -37.0629
Hunter-Lab	31.9418, 12.6157, -59.2591

Details

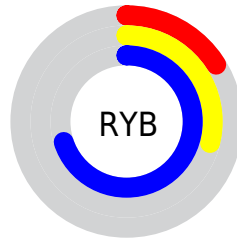
The Hex color **2855B3** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B38628**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6A86EC**, and **00297D** is the 20% darker color. If you saturate the color by 10%, you get **1649B3**, and if you desaturate by 10%, it is **3A61B3**.

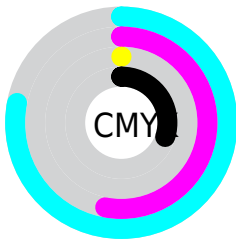
Distribution



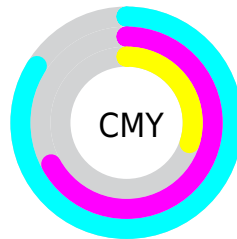
- Red (16%)
- Green (33%)
- Blue (70%)



- Red (16%)
- Yellow (29%)
- Blue (70%)



- Cyan (78%)
- Magenta (53%)
- Yellow (0%)
- Black (30%)



- Cyan (84%)
- Magenta (67%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2855B3 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 2855B3 by changing the saturation by 10% instead.

■ 2855B3

■ 2855B3

FFFFFF

■ 003E98

■ 6A86EC

■ 00297D

■ 88A0FF

■ 001664

■ A5BBFF

■ 00004B

■ C3D7FF

■ 000433

■ E1F3FF

■ 00021D

■ 000000

■ 2855B3

■ 2855B3

■ 1649B3

■ 3A61B3

043DB3

4C6DB3

003AB3

5E79B3

7085B3

8292B3

939EB3

A5AAB3

B7B6B3

C9C2B3

Harmonies

Analogous

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



0065B6



2855B3



803D98

Triad

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



2855B3



9B3C11



006D47

Complementary

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



2855B3



B38628

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.



016914



2855B3



7B5200

Square

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



2855B3



AA243E



516100



006E78

Rectangle

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



2855B3



9B2B7C



516100



006C37

Sweetspot

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



2855B3



B3C4E8



28B385



545F75



F5F5F5



757575

Same Dimension

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



2855B3



1056E8



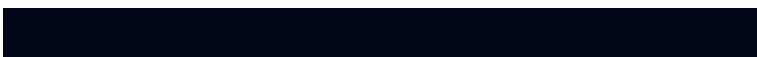
3F28B3



505359



003299



00081A

Inverse Universe

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



B32855



E81056



9CB328



595053



990032



1A0008

Previews

White Background



This preview shows how the Hex color 2855B3 looks on a white background.

Color Contrast Check

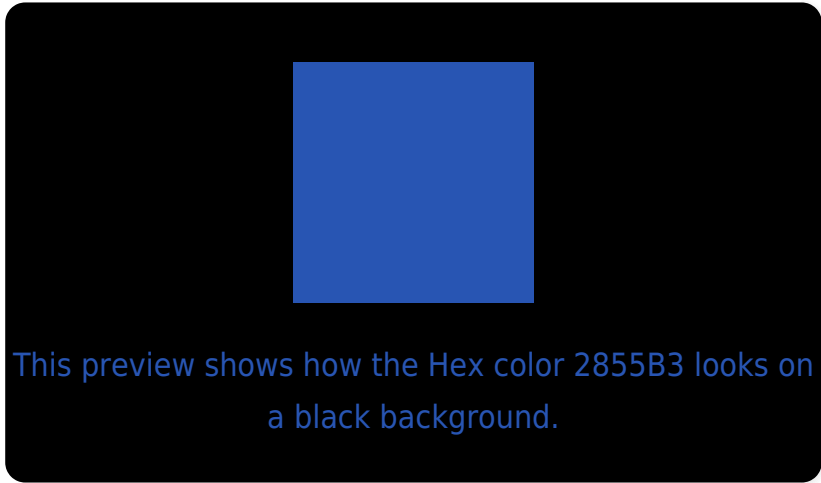
Large Text (above 18pt) WCAG AA ✓ Pass

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

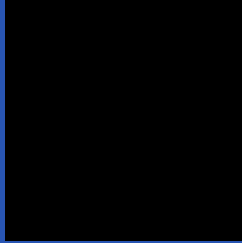
Any Text WCAG AA × Fail

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 2855B3 Background



This preview shows how black text looks on a background with the Hex color 2855B3.



This preview shows how white text looks on a background with the Hex color 2855B3.

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](#).

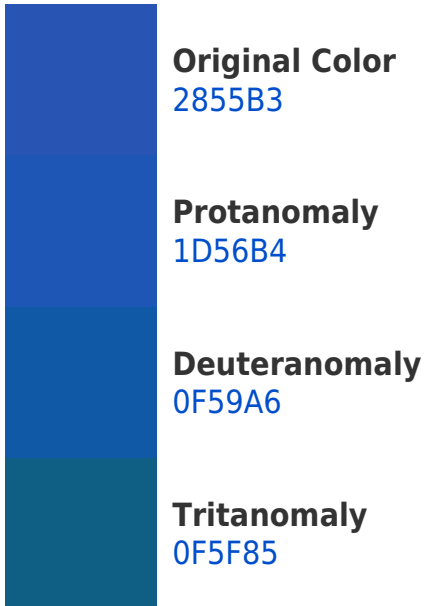
Dichromacy





Tritanopia
00646A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2855B3 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 #2855B3 looks like.

```
.text, #text, p{  
    color:#2855B3  
}
```

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 #2855B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2855B3
}
```

Border

The CSS property to change the border of an element to Hex 2855B3 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
#2855B3 }
```

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

```
.border{ border-color:#2855B3 }
```

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

Here you see how a box with a 4 pixel #2855B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2855B3; -webkit-box-shadow:4px 4px  
4px 4px #2855B3; box-shadow:4px 4px 4px  
4px #2855B3 }
```

Background

The CSS property to change the background color of an element to Hex 2855B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2855B3 }
```

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

```
.background{ background-color:#2855B3 }
```

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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