

Converting Colors

Hex(286BB3)

Have a look what the booklet for
Hex(286BB3) contains.

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Color

Hex(286BB3)

Conversions

Conversions Part 1

Format	Color
Hex	286BB3
RGB	40, 107, 179
RGB Percent	16%, 42%, 70%
CMY	0.8431, 0.5804, 0.2980
CMYK	0.78, 0.40, 0.00, 0.30
HSL	211°, 63%, 43%
HSV	211°, 78%, 70%
XYZ	14.2695, 14.2212, 44.6407
YIQ	95.1750, -63.0440, 8.1880

Conversions

Conversions Part 2

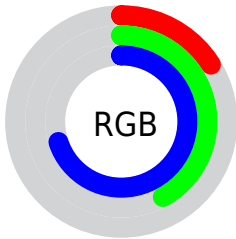
Format	Color
R_{YB}	40, 85, 179
Decimal	2649011
CIE _{Lab}	44.55, 4.76, -44.18
CIE _{LCh}	45, 44.439, 276.145
Yxy	14.2212, 0.1951, 0.1945
Android (android.graphics.Color)	4280839091 (0xFF286BB3)
YUV	95.1750, 41.3257, -48.3885
Hunter-Lab	37.7110, 1.5484, -43.7874

Details

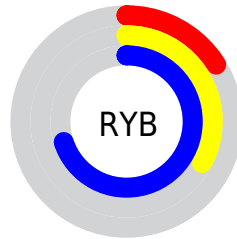
The Hex color **286BB3** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B37028**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **6A9EEB**, and **003C7E** is the 20% darker color. If you saturate the color by 10%, you get **1662B3**, and if you desaturate by 10%, it is **3A74B3**.

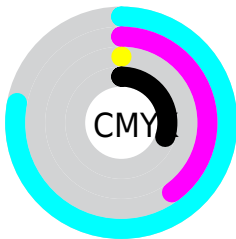
Distribution



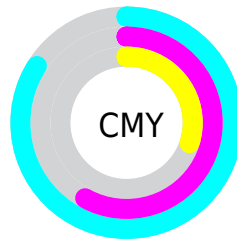
- Red (16%)
- Green (42%)
- Blue (70%)



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



- Cyan (78%)
- Magenta (40%)
- Yellow (0%)
- Black (30%)



- Cyan (84%)
- Magenta (58%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 286BB3 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 286BB3 by changing the saturation by 10% instead.



286BB3



286BB3

FFFFFF



005398



6A9EEB



003C7E



87B9FF



002764



A4D4FF



00134C



C2F0FF



000534



DFFFFF



00021E

FEFFFF



000001



000000



286BB3



286BB3

■ 1662B3

■ 3A74B3

■ 0458B3

■ 4C7EB3

■ 0056B3

■ 5E87B3

■ 7090B3

■ 8299B3

■ 93A3B3

■ A5ACB3

■ B7B5B3

■ C9BEB3

Harmonies

Analogous

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



0075AD



286BB3



755CA5

Triad

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



286BB3



A84E40



04794A

Complementary

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



286BB3



B37028

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.



4F742A



286BB3



955D24

Square

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



286BB3



AC4763



766A19



007B70

Rectangle

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



286BB3



925293



766A19



2B783E

Sweetspot

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



286BB3



B3CCE8



28B370



546475



F5F5F5



757575

Same Dimension

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



286BB3



1078E8



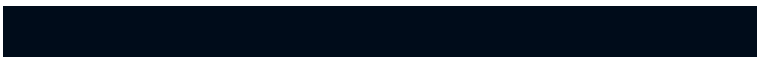
2A28B3



505559



004A99



000C1A

Inverse Universe

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



B3286B



E81078



B1B328



595055



99004A



1A000C

Previews

White Background



This preview shows how the Hex color 286BB3 looks on a white background.

Color Contrast Check

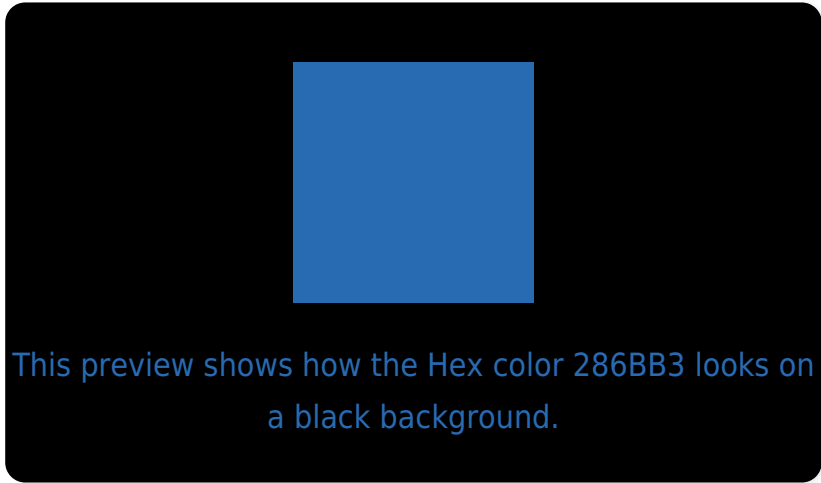
Large Text (above 18pt) WCAG AA ✓ Pass

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

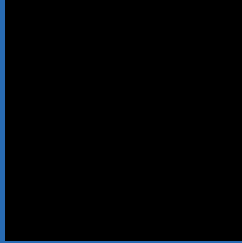
Any Text WCAG AA × Fail

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 286BB3 Background



This preview shows how black text looks on a background with the Hex color 286BB3.

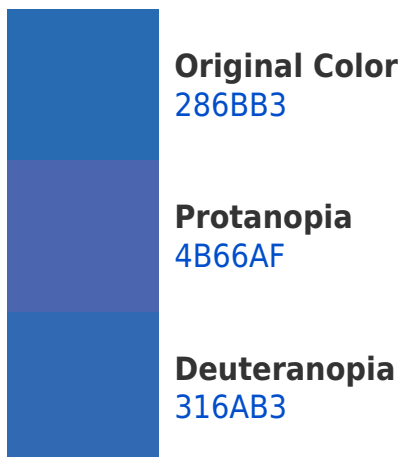


This preview shows how white text looks on a background with the Hex color 286BB3.

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](#).

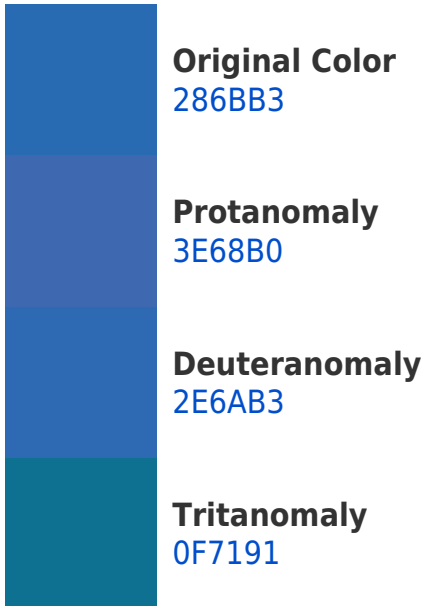
Dichromacy





Tritanopia
00757D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 286BB3 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 #286BB3 looks like.

```
.text, #text, p{  
    color:#286BB3  
}
```

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 #286BB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #286BB3
}
```

Border

The CSS property to change the border of an element to Hex 286BB3 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
#286BB3 }
```

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

```
.border{ border-color:#286BB3 }
```

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

Here you see how a box with a 4 pixel #286BB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #286BB3; -webkit-box-shadow:4px 4px  
4px 4px #286BB3; box-shadow:4px 4px 4px  
4px #286BB3 }
```

Background

The CSS property to change the background color of an element to Hex 286BB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#286BB3 }
```

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

```
.background{ background-color:#286BB3 }
```

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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