

Converting Colors

Hex(2941BB)

Have a look what the booklet for
Hex(2941BB) contains.

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Color

Hex(2941BB)

Conversions

Conversions Part 1

Format	Color
Hex	2941BB
RGB	41, 65, 187
RGB Percent	16%, 25%, 73%
CMY	0.8392, 0.7451, 0.2667
CMYK	0.78, 0.65, 0.00, 0.27
HSL	230°, 64%, 45%
HSV	230°, 78%, 73%
XYZ	11.7744, 7.8399, 47.9064
YIQ	71.7320, -53.4660, 32.8540

Conversions

Conversions Part 2

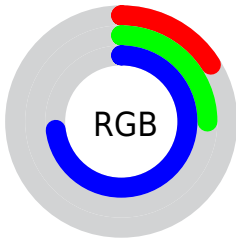
Format	Color
R_{YB}	41, 62, 187
Decimal	2703803
CIE _{Lab}	33.65, 35.25, -66.52
CIE _{LCh}	34, 75.282, 297.924
Yxy	7.8399, 0.1744, 0.1161
Android (android.graphics.Color)	4280893883 (0xFF2941BB)
YUV	71.7320, 56.8271, -26.9520
Hunter-Lab	27.9998, 26.0628, -81.8428

Details

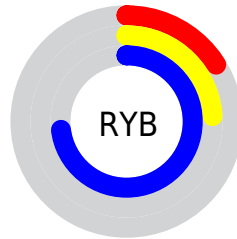
The Hex color **2941BB** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **BBA329**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6E71F4**, and **001784** is the 20% darker color. If you saturate the color by 10%, you get **1631BB**, and if you desaturate by 10%, it is **3C51BB**.

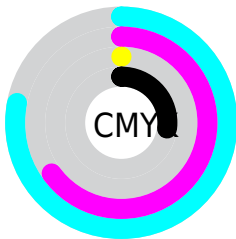
Distribution



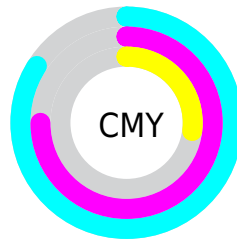
- Red (16%)
- Green (25%)
- Blue (73%)



- Red (16%)
- Yellow (24%)
- Blue (73%)



- Cyan (78%)
- Magenta (65%)
- Yellow (0%)
- Black (27%)



- Cyan (84%)
- Magenta (75%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2941BB 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 2941BB by changing the saturation by 10% instead.

■ 2941BB

■ 2941BB

FFFFFF

■ 002B9F

■ 6E71F4

■ 001784

■ 8D8AFF

■ 00026A

■ AAA5FF

■ 000551

■ C8C0FF

■ 000539

■ E7DCFF

■ 000223

■ FFF8FF

■ 000009

■ 000000

■ 2941BB

■ 2941BB

■ 1631BB

■ 3C51BB

■ 0422BB

■ 4E60BB

■ 001FBB

■ 6170BB

■ 7480BB

■ 868FBB

■ 999FBB

■ ACAEBB

■ BFBEBB

■ D1CEBB

Harmonies

Analogous

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



005AC9



2941BB



8F0190

Triad

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



2941BB



912D00



006549

Complementary

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



2941BB



BBA329

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.



006200



2941BB



654C00

Square

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



2941BB



AC001C



275B00



006686

Rectangle

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



2941BB



A9006A



275B00



006434

Sweetspot

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



2941BB



BBC4F2



29BBA3



585E7A



FAFAFA



7A7A7A

Same Dimension

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



2941BB



0F34F2



5A29BB



55565E



001A9E



00051F

Inverse Universe

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



BB2941



F20F34



8ABB29



5E5556



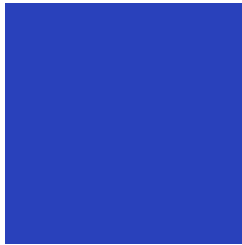
9E001A



1F0005

Previews

White Background



This preview shows how the Hex color 2941BB looks on a white background.

Color Contrast Check

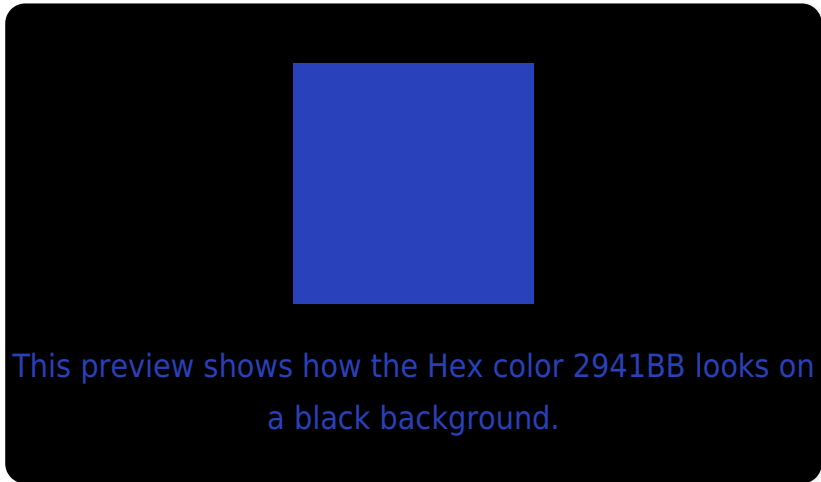
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

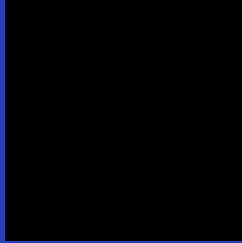
Any Text WCAG AA × Fail

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 2941BB Background



This preview shows how black text looks on a background with the Hex color 2941BB.

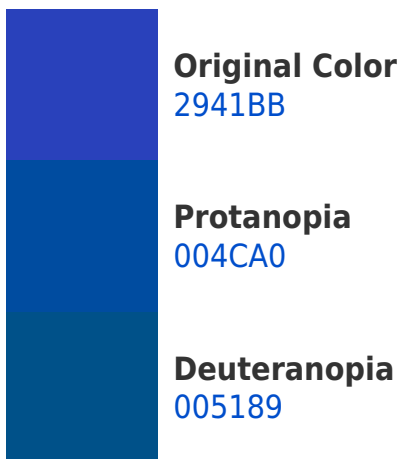


This preview shows how white text looks on a background with the Hex color 2941BB.

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
00585D

Trichromacy



Original Color
2941BB

Protanomaly
0F48AA

Deuteranomaly
0F4B9B

Tritanomaly
0F507F

Monochromacy



Original Color
2941BB

Achromatopsia
484848

Achromatomaly
3D4572

CSS Examples

Text

The CSS property to change the color of the text to Hex 2941BB 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 #2941BB looks like.

```
.text, #text, p{  
    color:#2941BB  
}
```

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 #2941BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2941BB
}
```

Border

The CSS property to change the border of an element to Hex 2941BB 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".

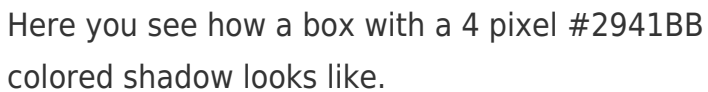
```
.border, #border, table{ border:4px solid
#2941BB }
```

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

```
.border{ border-color:#2941BB }
```

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

Here you see how a box with a 4 pixel #2941BB colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2941BB; -webkit-box-shadow:4px 4px  
4px 4px #2941BB; box-shadow:4px 4px 4px  
4px #2941BB }
```

Background

The CSS property to change the background color of an element to Hex 2941BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2941BB }
```

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

```
.background{ background-color:#2941BB }
```

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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