

Converting Colors

Hex(2975B9)

Have a look what the booklet for
Hex(2975B9) contains.

Hex(2975B9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2975B9)

Conversions

Conversions Part 1

Format	Color
Hex	2975B9
RGB	41, 117, 185
RGB Percent	16%, 46%, 73%
CMY	0.8392, 0.5412, 0.2745
CMYK	0.78, 0.37, 0.00, 0.27
HSL	208°, 64%, 44%
HSV	208°, 78%, 73%
XYZ	16.0327, 16.6968, 48.2767
YIQ	102.0280, -67.1240, 5.0360

Conversions

Conversions Part 2

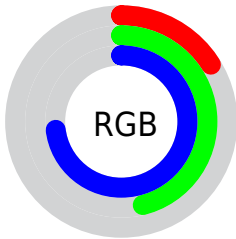
Format	Color
R_{YB}	41, 91, 185
Decimal	2717113
CIE Lab	47.88, 0.94, -42.38
CIE LCh	48, 42.387, 271.269
Yxy	16.6968, 0.1979, 0.2061
Android (android.graphics.Color)	4280907193 (0xFF2975B9)
YUV	102.0280, 40.9052, -53.5216
Hunter-Lab	40.8617, -1.4708, -41.4460

Details

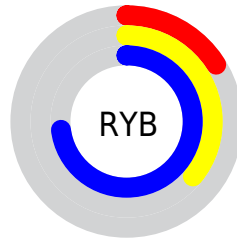
The Hex color **2975B9** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B96D29**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **6CA9F1**, and **004583** is the 20% darker color. If you saturate the color by 10%, you get **166CB9**, and if you desaturate by 10%, it is **3C7EB9**.

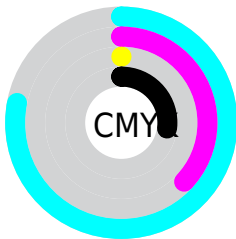
Distribution



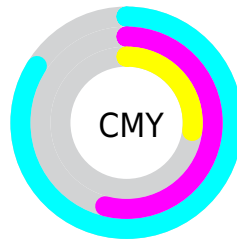
- Red (16%)
- Green (46%)
- Blue (73%)



- Red (16%)
- Yellow (36%)
- Blue (73%)



- Cyan (78%)
- Magenta (37%)
- Yellow (0%)
- Black (27%)



- Cyan (84%)
- Magenta (54%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2975B9 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 2975B9 by changing the saturation by 10% instead.

■ 2975B9

■ 2975B9

FFFFFF

■ 005D9E

■ 6CA9F1

■ 004583

■ 89C4FF

■ 00306A

■ A7E0FF

■ 001C51

■ C4FCFF

■ 00053A

■ E2FFFF

■ 000223

■ 00000A

■ 000000

■ 2975B9

■ 2975B9

■ 166CB9

■ 3C7EB9

■ 0464B9

■ 4E86B9

■ 0062B9

■ 618FB9

■ 7398B9

■ 85A1B9

■ 98A9B9

■ ABB2B9

■ BDBBB9

■ D0C4B9

Harmonies

Analogous

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



007EB0



2975B9



7568AF

Triad

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



2975B9



B1574F



2E814E

Complementary

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



2975B9



B96D29

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.



607A31



2975B9



A16333

Square

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



2975B9



B25272



847026



008372

Rectangle

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



2975B9



935E9F



847026



427F43

Sweetspot

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



2975B9



B9D6F0



29B96C



566878



F7F7F7



787878

Same Dimension

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



2975B9



1186F0



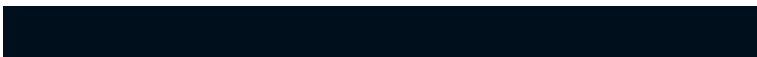
292EB9



53575C



00529C



000F1C

Inverse Universe

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



B92975



F01186



B9B429



5C5357



9C0052



1C000F

Previews

White Background



This preview shows how the Hex color 2975B9 looks on a white background.

Color Contrast Check

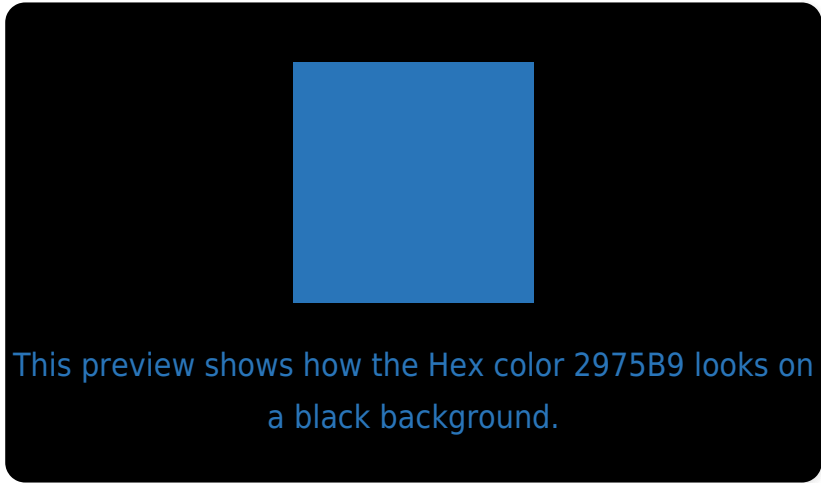
Large Text (above 18pt) WCAG AA ✓ Pass

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

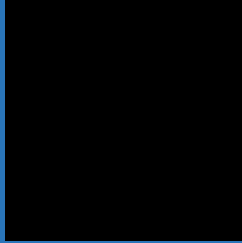
Any Text WCAG AA × Fail

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 2975B9 Background



This preview shows how black text looks on a background with the Hex color 2975B9.

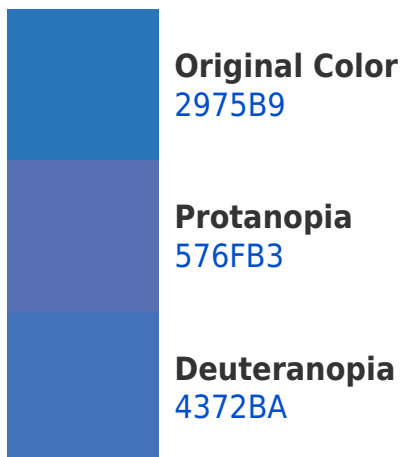


This preview shows how white text looks on a background with the Hex color 2975B9.

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](#).

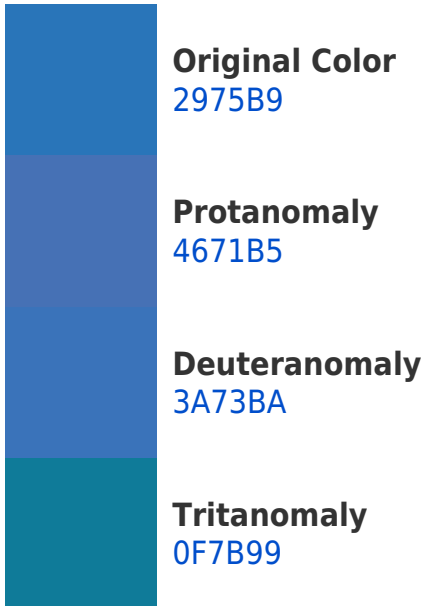
Dichromacy





Tritanopia
007E87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2975B9 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 #2975B9 looks like.

```
.text, #text, p{  
    color:#2975B9  
}
```

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 #2975B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2975B9
}
```

Border

The CSS property to change the border of an element to Hex 2975B9 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
#2975B9 }
```

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

```
.border{ border-color:#2975B9 }
```

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

Here you see how a box with a 4 pixel #2975B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2975B9; -webkit-box-shadow:4px 4px  
4px 4px #2975B9; box-shadow:4px 4px 4px  
4px #2975B9 }
```

Background

The CSS property to change the background color of an element to Hex 2975B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2975B9 }
```

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

```
.background{ background-color:#2975B9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor