

Converting Colors

Hex(284CA9)

Have a look what the booklet for
Hex(284CA9) contains.

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Color

Hex(284CA9)

Conversions

Conversions Part 1

Format	Color
Hex	284CA9
RGB	40, 76, 169
RGB Percent	16%, 30%, 66%
CMY	0.8431, 0.7020, 0.3373
CMYK	0.76, 0.55, 0.00, 0.34
HSL	223°, 62%, 41%
HSV	223°, 76%, 66%
XYZ	10.6209, 8.4846, 38.6140
YIQ	75.8380, -51.3090, 21.2910

Conversions

Conversions Part 2

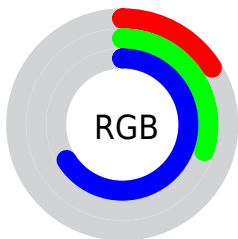
Format	Color
R_{YB}	40, 68, 169
Decimal	2641065
CIE _{Lab}	34.97, 21.12, -53.68
CIE _{LCh}	35, 57.688, 291.478
Yxy	8.4846, 0.1840, 0.1470
Android (android.graphics.Color)	4280831145 (0xFF284CA9)
YUV	75.8380, 45.9289, -31.4299
Hunter-Lab	29.1283, 14.1113, -58.2082




Details

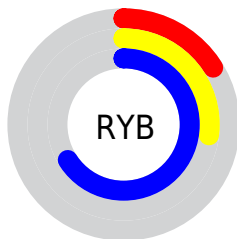
The Hex color **284CA9** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **A98528**, and the grayscale version is **4B4B4B**.




A 20% lighter version of the original color is **687CE1**, and **002174** is the 20% darker color. If you saturate the color by 10%, you get **1740A9**, and if you desaturate by 10%, it is **3958A9**.

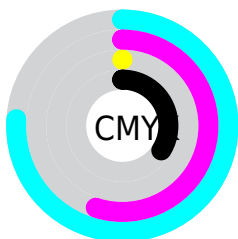
Distribution







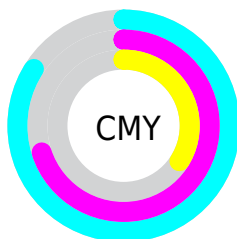
-  Red (16%)
-  Green (30%)
-  Blue (66%)






-  Red (16%)
-  Yellow (27%)
-  Blue (66%)



-  Cyan (76%)
-  Magenta (55%)
-  Yellow (0%)
-  Black (34%)



-  Cyan (84%)
-  Magenta (70%)
-  Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 284CA9 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 284CA9 by changing the saturation by 10% instead.

 284CA9

 284CA9

FFFFFF

 00368E

 687CE1

 002174

 8696FE

 000D5B

 A3B1FF

 000742

 C0CCFF

 00032B

 DDE8FF

 000116

 FBFFFF

 000000

 284CA9

 284CA9

 1740A9

 3958A9

0634A9

4A64A9

002FA9

5B71A9

6C7DA9

7C89A9

8D95A9

9EA1A9

AFADA9

C0BAA9

Harmonies

Analogous

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



005CAE



284CA9



7B338C

Triad

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



284CA9



8F3603



006543

Complementary

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



284CA9



A98528

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.



006110



284CA9



704C00

Square

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



284CA9



A01A34



455A00



006673

Rectangle

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



284CA9



941F71



455A00



006433

Sweetspot

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



284CA9



A9B7DB



28A984



4F586E



EDEDED



6E6E6E

Same Dimension

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



284CA9



124ADB



4428A9



4C4E54



002994



000614

Inverse Universe

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



A9284C



DB124A



8DA928



544C4E



940029



140006

Previews

White Background



This preview shows how the Hex color 284CA9 looks on a white background.

Color Contrast Check

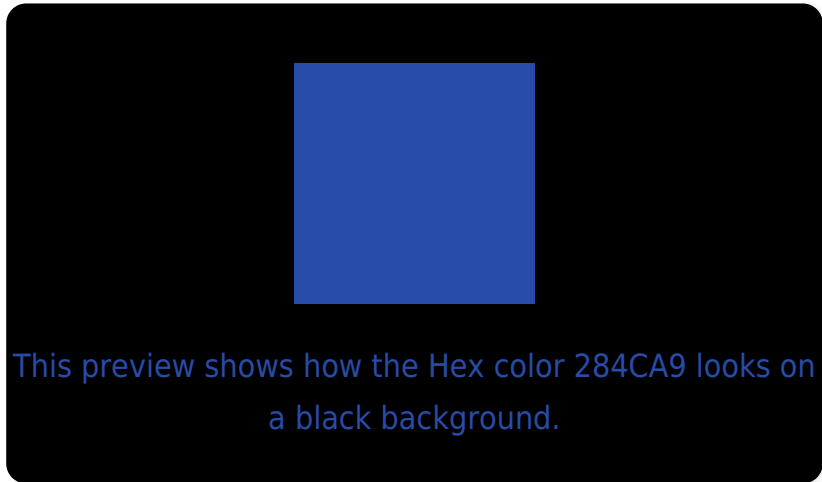
Large Text (above 18pt) WCAG AA ✓ Pass

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

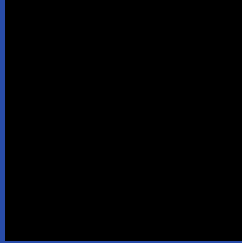
Any Text WCAG AA × Fail

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 284CA9 Background



This preview shows how black text looks on a background with the Hex color 284CA9.



This preview shows how white text looks on a background with the Hex color 284CA9.

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



Original Color
284CA9

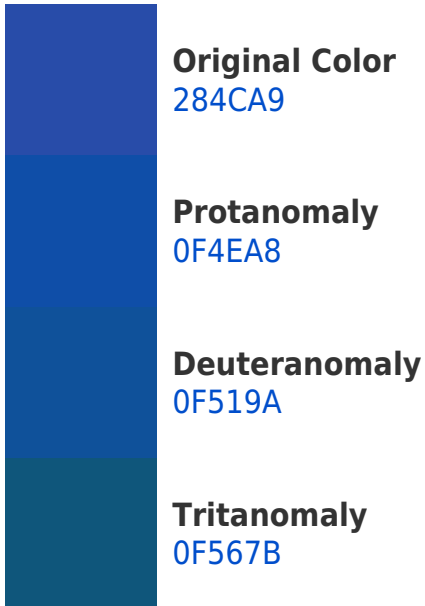
Protanopia
004FA8

Deuteranopia
005491



Tritanopia
005B61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 284CA9 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 #284CA9 looks like.

```
.text, #text, p{  
    color:#284CA9  
}
```

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 #284CA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #284CA9
}
```

Border

The CSS property to change the border of an element to Hex 284CA9 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
#284CA9 }
```

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

```
.border{ border-color:#284CA9 }
```

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

Here you see how a box with a 4 pixel #284CA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #284CA9; -webkit-box-shadow:4px 4px  
4px 4px #284CA9; box-shadow:4px 4px 4px  
4px #284CA9 }
```

Background

The CSS property to change the background color of an element to Hex 284CA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#284CA9 }
```

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

```
.background{ background-color:#284CA9 }
```

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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