

Converting Colors

Hex(284CFA)

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

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Color

Hex(284CFA)

Conversions

Conversions Part 1

Format	Color
Hex	284CFA
RGB	40, 76, 250
RGB Percent	16%, 30%, 98%
CMY	0.8431, 0.7020, 0.0196
CMYK	0.84, 0.70, 0.00, 0.02
HSL	230°, 95%, 57%
HSV	230°, 84%, 98%
XYZ	20.7148, 12.5221, 91.7677
YIQ	85.0720, -77.3100, 46.4820

Conversions

Conversions Part 2

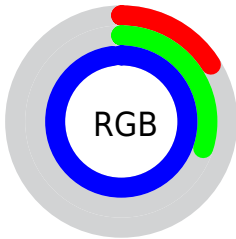
Format	Color
R_{YB}	40, 71, 250
Decimal	2641146
CIE _{Lab}	42.03, 50.75, -88.86
CIE _{LCh}	42, 102.330, 299.732
Yxy	12.5221, 0.1657, 0.1002
Android (android.graphics.Color)	4280831226 (0xFF284CFA)
YUV	85.0720, 81.3095, -39.5281
Hunter-Lab	35.3866, 42.5648, -128.9854

Details

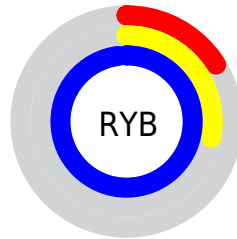
The Hex color **284CFA** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **FAD628**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7D7DFF**, and **001FC0** is the 20% darker color. If you saturate the color by 10%, you get **0F37FA**, and if you desaturate by 10%, it is **4161FA**.

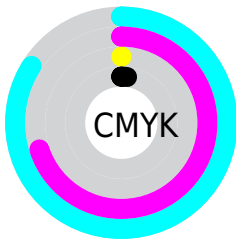
Distribution



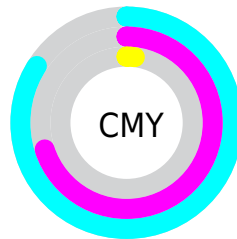
- Red (16%)
- Green (30%)
- Blue (98%)



- Red (16%)
- Yellow (28%)
- Blue (98%)



- Cyan (84%)
- Magenta (70%)
- Yellow (0%)
- Black (2%)



- Cyan (84%)
- Magenta (70%)
- Yellow (2%)

Brightness & Saturation Gradients

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

 284CFA

 284CFA

FFFFFF

 0035DD

 7D7DFF

 001FC0

 9F98FF

 000CA4

 BFB2FF

 000089

 DFCEFF

 00076E

 FFE8FF

 000C55

 00063C

 000226

 00010E

 284CFA

 284CFA

 0F37FA

 4161FA

 002BFA

 5A75FA

 738AFA

 8C9FFA

 A5B4FA

 BEC8FA

 D7DDFA

 F0F2FA

 FFFFFA

Harmonies

Analogous

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



0072FF



284CFA



C000BA

Triad

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



284CFA



B93300



008060

Complementary

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



284CFA



FAD628

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.



007D00



284CFA



7A6100

Square

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



284CFA



E20016



097500



0082B6

Rectangle

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



284CFA



E20084



097500



007F42

Sweetspot

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



284CFA



BFCAFF



28FAD3



596080



000000



808080

Same Dimension

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



284CFA



002CFF



6A28FA



70737D



0020BD



000A3D

Inverse Universe

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



FA284C



FF002C



B8FA28



7D7073



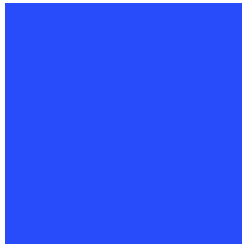
BD0020



3D000A

Previews

White Background



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

Color Contrast Check

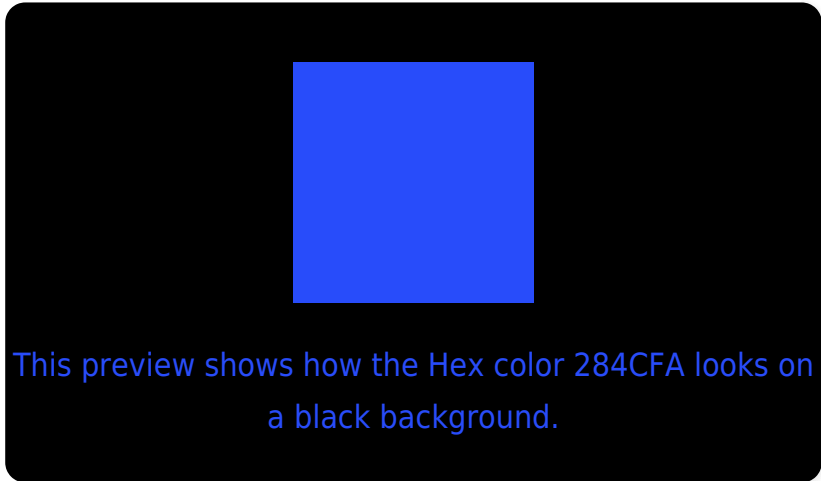
Large Text (above 18pt) WCAG AA ✓ Pass

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

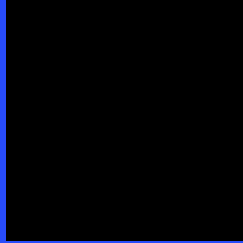
Any Text WCAG AA × Fail

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 284CFA Background



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

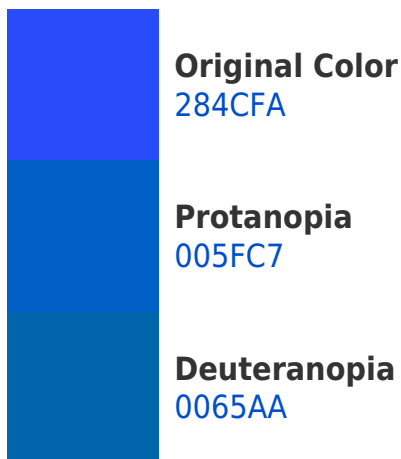


This preview shows how white text looks on a background with the Hex color 284CFA.

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](#).

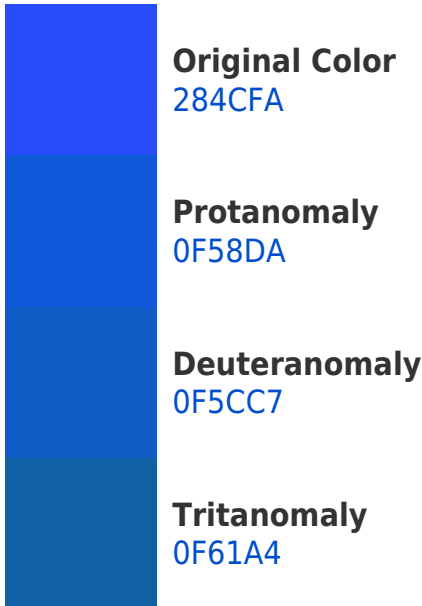
Dichromacy



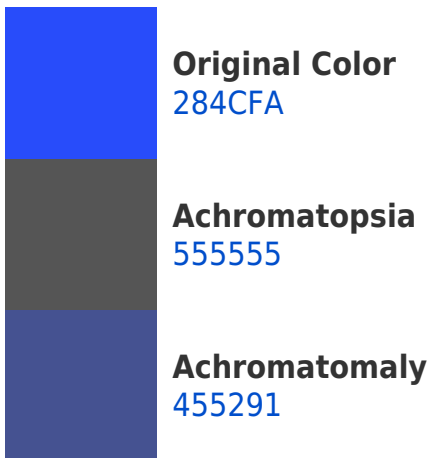


Tritanopia
006D73

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #284CFA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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