

# Converting Colors

Hex(287FD1)

Have a look what the booklet for  
Hex(287FD1) contains.

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# Color

**Hex(287FD1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	287FD1
RGB	40, 127, 209
RGB Percent	16%, 50%, 82%
CMY	0.8431, 0.5020, 0.1804
CMYK	0.81, 0.39, 0.00, 0.18
HSL	209°, 68%, 49%
HSV	209°, 81%, 82%
XYZ	19.9731, 20.2333, 63.1743
YIQ	110.3350, -78.1740, 7.0580

# Conversions

## Conversions Part 2

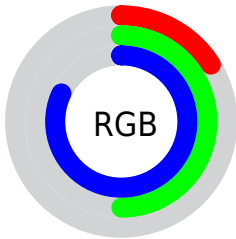
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 97, 209
Decimal	2654161
CIELab	52.10, 3.73, -49.40
CIELCh	52, 49.537, 274.315
Yxy	20.2333, 0.1932, 0.1957
Android (android.graphics.Color)	4280844241 (0xFF287FD1)
YUV	110.3350, 48.6418, -61.6838
Hunter-Lab	44.9815, 0.5416, -51.7830

# Details

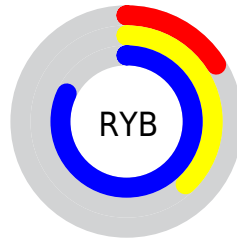
The Hex color **287FD1** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **D17A28**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **70B3FF**, and **004F9A** is the 20% darker color. If you saturate the color by 10%, you get **1375D1**, and if you desaturate by 10%, it is **3D89D1**.

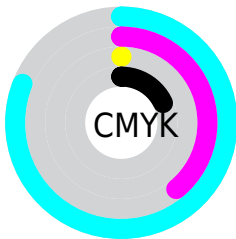
# Distribution



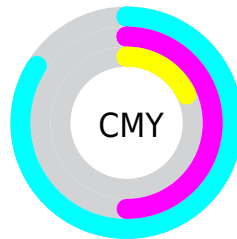
- Red (16%)
- Green (50%)
- Blue (82%)



- Red (16%)
- Yellow (38%)
- Blue (82%)



- Cyan (81%)
- Magenta (39%)
- Yellow (0%)
- Black (18%)




















- Cyan (84%)
- Magenta (50%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 287FD1 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 287FD1 by changing the saturation by 10% instead.



 287FD1	 287FD1
 FFFFFFFF	 0066B5
 70B3FF	 004F9A
 8FCFFF	 003880
 ADEBFF	 002466
 CCFFFF	 000E4D
 EAFFFF	 000536
	 000220
	 000003
	 000000

■ 287FD1

■ 287FD1

■ 1375D1

■ 3D89D1

■ 006CD1

■ 5293D1

■ 679DD1

■ 7CA8D1

■ 91B2D1

■ A5BCD1

■ BAC6D1

■ CFD0D1

■ E4DAD1

# Harmonies

## Analogous

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



008AC8



287FD1



866EC3

# Triad

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



287FD1



C65C4F



188E56

# Complementary

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



287FD1



D17A28

# 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.



618731



287FD1



B06C2E

# Square

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



287FD1



C95578



8D7C20



009181

# Rectangle

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



287FD1



A862AE



8D7C20



3A8C48

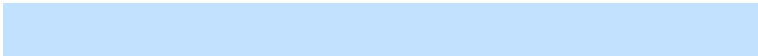


# Sweetspot

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



287FD1



C2E1FF



28D17A



5B6E80



000000



808080



# Same Dimension

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



287FD1



0887FF



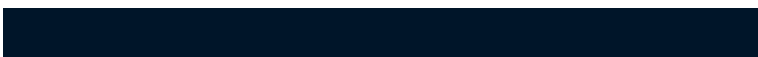
282BD1



5E6369



0057A8



001529



# Inverse Universe

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



D1287F



FF0887



D1CE28



695E63



A80057

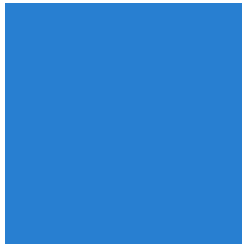


290015



# Previews

## White Background



This preview shows how the Hex color 287FD1 looks on a white background.

## Color Contrast Check

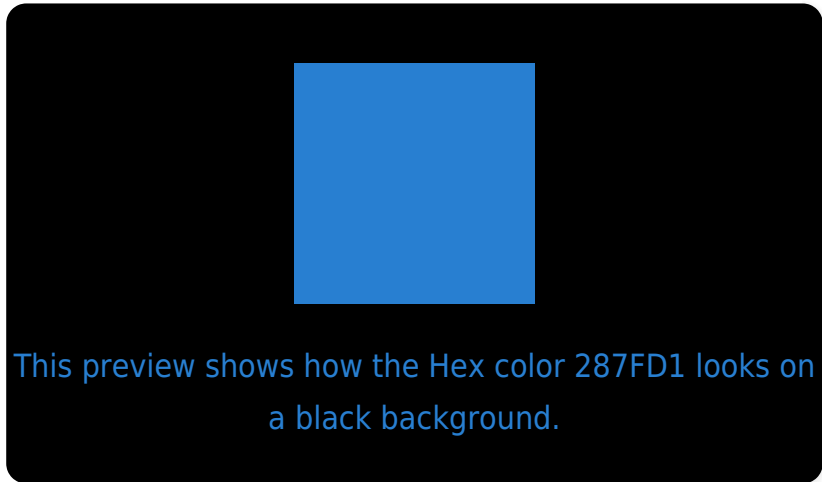
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

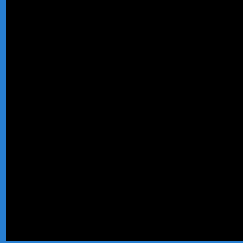
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 287FD1 Background



This preview shows how black text looks on a background with the Hex color 287FD1.

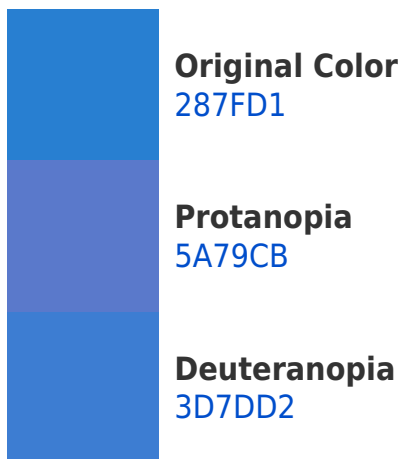


This preview shows how white text looks on a background with the Hex color 287FD1.

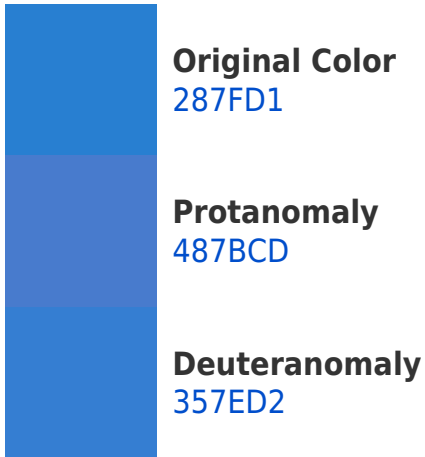
# Color Blindness Simulation

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](#).

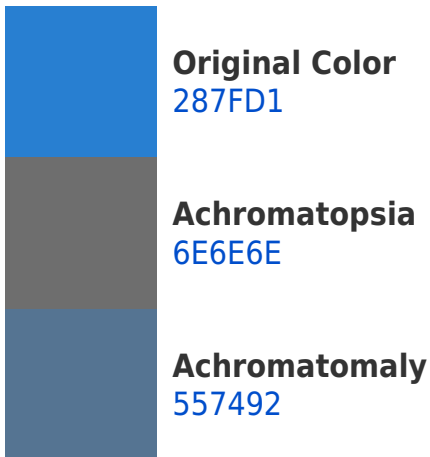
## Dichromacy



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 287FD1 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 #287FD1 looks like.

```
.text, #text, p{  
    color:#287FD1  
}
```

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 #287FD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #287FD1
}
```

## Border

The CSS property to change the border of an element to Hex 287FD1 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
#287FD1 }
```

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

```
.border{ border-color:#287FD1 }
```

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

Here you see how a box with a 4 pixel #287FD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #287FD1; -webkit-box-shadow:4px 4px  
4px 4px #287FD1; box-shadow:4px 4px 4px  
4px #287FD1 }
```

# Background

The CSS property to change the background color of an element to Hex 287FD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#287FD1 }
```

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

```
.background{ background-color:#287FD1 }
```

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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