

Converting Colors

Hex(287FD6)

Have a look what the booklet for
Hex(287FD6) contains.

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Color

Hex(287FD6)

Conversions

Conversions Part 1

Format	Color
Hex	287FD6
RGB	40, 127, 214
RGB Percent	16%, 50%, 84%
CMY	0.8431, 0.5020, 0.1608
CMYK	0.81, 0.41, 0.00, 0.16
HSL	210°, 69%, 50%
HSV	210°, 81%, 84%
XYZ	20.6020, 20.4849, 66.4865
YIQ	110.9050, -79.7790, 8.6130

Conversions

Conversions Part 2

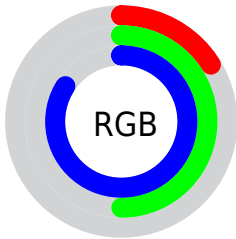
Format	Color
R_{YB}	40, 98, 214
Decimal	2654166
CIE _{Lab}	52.38, 5.60, -51.78
CIE _{LCh}	52, 52.080, 276.177
Yxy	20.4849, 0.1915, 0.1904
Android (android.graphics.Color)	4280844246 (0xFF287FD6)
YUV	110.9050, 50.8258, -62.1837
Hunter-Lab	45.2602, 2.0461, -55.4137

Details

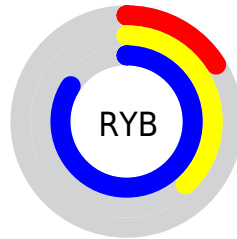
The Hex color **287FD6** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **D67F28**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **71B3FF**, and **004F9F** is the 20% darker color. If you saturate the color by 10%, you get **1374D6**, and if you desaturate by 10%, it is **3D8AD6**.

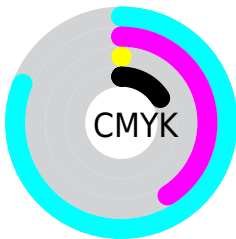
Distribution



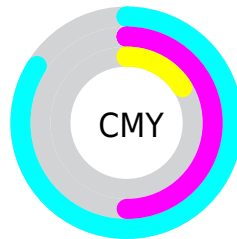
- Red (16%)
- Green (50%)
- Blue (84%)



- Red (16%)
- Yellow (38%)
- Blue (84%)



- Cyan (81%)
- Magenta (41%)
- Yellow (0%)
- Black (16%)



- Cyan (84%)
- Magenta (50%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 287FD6 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 287FD6 by changing the saturation by 10% instead.

■ 287FD6

■ 287FD6

FFFFFF

■ 0066BA

■ 71B3FF

■ 004F9F

■ 90CFFF

■ 003984

■ AFEBFF

■ 00246A

■ CDFFFF

■ 000E52

■ ECFFFF

■ 00053A

■ 000223

■ 00000A

■ 000000

■ 287FD6

■ 287FD6

■ 1374D6

■ 3D8AD6

■ 006BD6

■ 5394D6

■ 689FD6

■ 7EAAD6

■ 93B5D6

■ A8BFD6

■ BECAD6

■ D3D5D6

■ E9DFD6

Harmonies

Analogous

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



008BCE



287FD6



8B6DC5

Triad

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



287FD6



C95C4B



009057

Complementary

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



287FD6



D67F28

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.



5D892F



287FD6



B16D28

Square

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



287FD6



CE5376



8C7E1A



009285

Rectangle

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



287FD6



AE60AF



8C7E1A



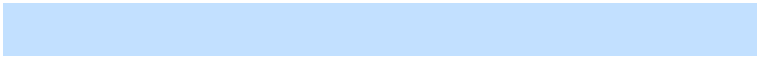
308E49

Sweetspot

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



287FD6



C2E0FF



28D67F



5B6D80



000000



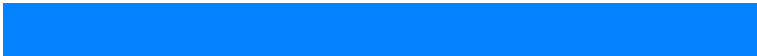
808080

Same Dimension

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



287FD6



0582FF



2828D6



60666B



0055AB



00162B

Inverse Universe

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



D6287F



FF0582



D6D628



6B6066



AB0055



2B0016

Previews

White Background



This preview shows how the Hex color 287FD6 looks on a white background.

Color Contrast Check

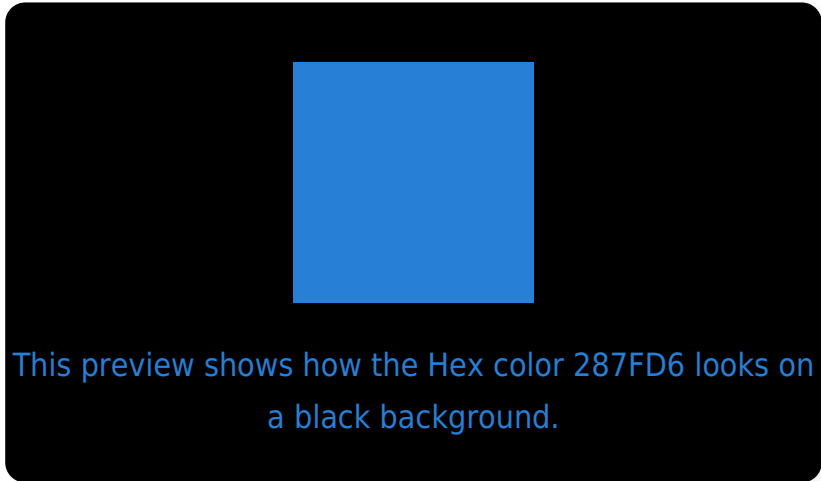
Large Text (above 18pt) WCAG AA ✓ Pass

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

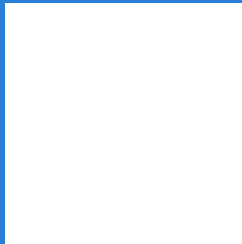
Any Text WCAG AAA × Fail

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

Hex 287FD6 Background



This preview shows how black text looks on a background with the Hex color 287FD6.

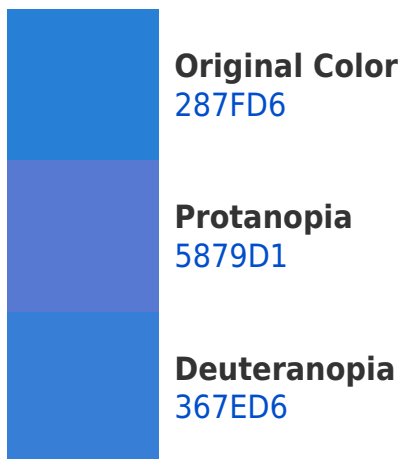


This preview shows how white text looks on a background with the Hex color 287FD6.

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](#).

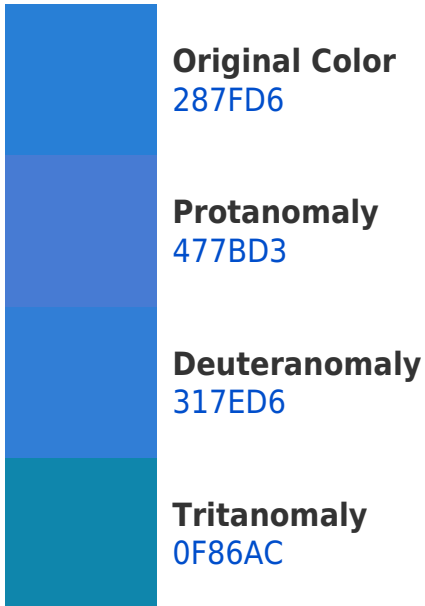
Dichromacy



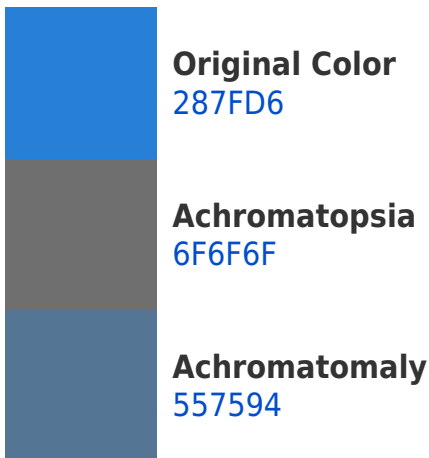


Tritanopia
008A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 287FD6 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 #287FD6 looks like.

```
.text, #text, p{  
    color:#287FD6  
}
```

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 #287FD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #287FD6
}
```

Border

The CSS property to change the border of an element to Hex 287FD6 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
#287FD6 }
```

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

```
.border{ border-color:#287FD6 }
```

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

Here you see how a box with a 4 pixel #287FD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #287FD6; -webkit-box-shadow:4px 4px  
4px 4px #287FD6; box-shadow:4px 4px 4px  
4px #287FD6 }
```

Background

The CSS property to change the background color of an element to Hex 287FD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#287FD6 }
```

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

```
.background{ background-color:#287FD6 }
```

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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