

Converting Colors

Hex(2926ED)

Have a look what the booklet for
Hex(2926ED) contains.

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Color

Hex(2926ED)

Conversions

Conversions Part 1

Format	Color
Hex	2926ED
RGB	41, 38, 237
RGB Percent	16%, 15%, 93%
CMY	0.8392, 0.8510, 0.0706
CMYK	0.83, 0.84, 0.00, 0.07
HSL	241°, 85%, 54%
HSV	241°, 84%, 93%
XYZ	16.8936, 7.9721, 80.7691
YIQ	61.5830, -62.0910, 62.5250

Conversions

Conversions Part 2

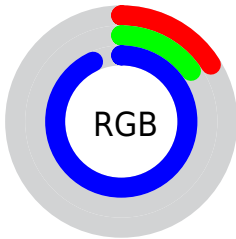
Format	Color
RYB	41, 38, 237
Decimal	2696941
CIELab	33.92, 65.93, -94.97
CIELCh	34, 115.613, 304.770
Yxy	7.9721, 0.1599, 0.0755
Android (android.graphics.Color)	4280887021 (0xFF2926ED)
YUV	61.5830, 86.4806, -18.0513
Hunter-Lab	28.2349, 57.3901, -149.8417

Details

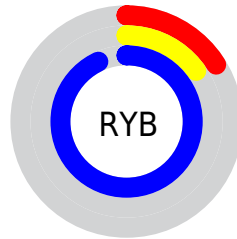
The Hex color **2926ED** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **EAED26**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **7D5AFF**, and **0000B3** is the 20% darker color. If you saturate the color by 10%, you get **120EED**, and if you desaturate by 10%, it is **403EED**.

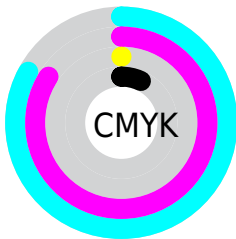
Distribution



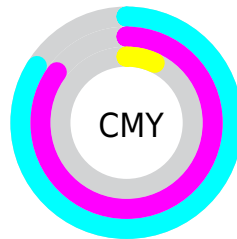
- Red (16%)
- Green (15%)
- Blue (93%)



- Red (16%)
- Yellow (15%)
- Blue (93%)



- Cyan (83%)
- Magenta (84%)
- Yellow (0%)
- Black (7%)



- Cyan (84%)
- Magenta (85%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2926ED 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 2926ED by changing the saturation by 10% instead.

 2926ED

 2926ED

FFFFFF

 0006D0

 7D5AFF

 0000B3

 9F74FF

 000098

 BF8FFF

 00007C

 DFAAFF

 000F62

 FFC6FF

 000949

 FFE3FF

 000432

 00011C

 000000

■ 2926ED

■ 2926ED

■ 120EED

■ 403EED

■ 0400ED

■ 5855ED

■ 6F6DED

■ 8685ED

■ 9E9CED

■ B5B4ED

■ CCCCED

■ E4E4ED

■ FBFBED

Harmonies

Analogous

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



005EFF



2926ED



BE00A1

Triad

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



2926ED



9C1E00



006B5D

Complementary

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



2926ED



EAED26

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.



006800



2926ED



555300

Square

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



2926ED



CD0000



006300



006EBA

Rectangle

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



2926ED



DA0064



006300



006A3D

Sweetspot

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



2926ED



C0BFFF



26EDED



5A5980



000000



808080

Same Dimension

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



2926ED



0400FF



8A26ED



6A6A75



0300B5



010036

Inverse Universe

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



ED26EA



FF00FB



8AED26



756A75



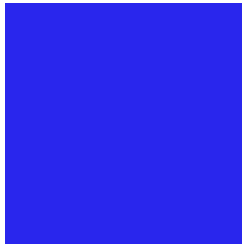
B500B2



360035

Previews

White Background



This preview shows how the Hex color 2926ED looks on a white background.

Color Contrast Check

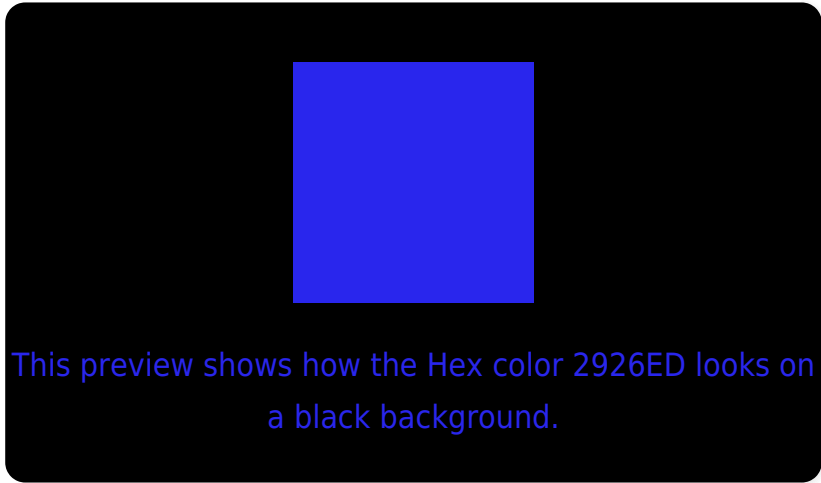
Large Text (above 18pt) WCAG AA ✓ Pass

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

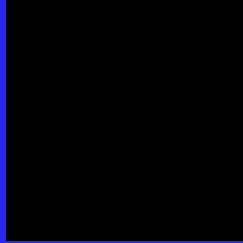
Any Text WCAG AA × Fail

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 2926ED Background



This preview shows how black text looks on a background with the Hex color 2926ED.



This preview shows how white text looks on a background with the Hex color 2926ED.

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



Original Color
2926ED

Protanomaly
0F3EBC

Tritanomaly
0F4691

Monochromacy



Original Color
2926ED

Achromatopsia
3E3E3E

Achromatomaly
36357E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2926ED 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 #2926ED looks like.

```
.text, #text, p{  
    color:#2926ED  
}
```

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 #2926ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2926ED
}
```

Border

The CSS property to change the border of an element to Hex 2926ED 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".

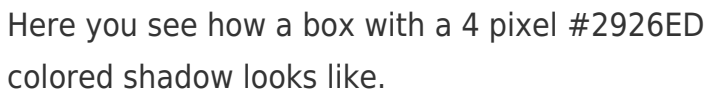
```
.border, #border, table{ border:4px solid
#2926ED }
```

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

```
.border{ border-color:#2926ED }
```

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

Here you see how a box with a 4 pixel #2926ED colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2926ED; -webkit-box-shadow:4px 4px  
4px 4px #2926ED; box-shadow:4px 4px 4px  
4px #2926ED }
```

Background

The CSS property to change the background color of an element to Hex 2926ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2926ED }
```

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

```
.background{ background-color:#2926ED }
```

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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