

Converting Colors

Hex(272DE6)

Have a look what the booklet for
Hex(272DE6) contains.

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Color

Hex(272DE6)

Conversions

Conversions Part 1

Format	Color
Hex	272DE6
RGB	39, 45, 230
RGB Percent	15%, 18%, 90%
CMY	0.8471, 0.8235, 0.0980
CMYK	0.83, 0.80, 0.00, 0.10
HSL	238°, 79%, 53%
HSV	238°, 83%, 90%
XYZ	16.0580, 8.0213, 75.5648
YIQ	64.2960, -62.9610, 56.2630

Conversions

Conversions Part 2

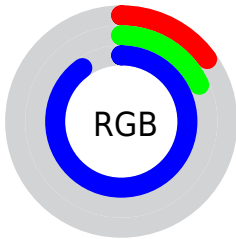
Format	Color
R _Y B	39, 45, 230
Decimal	2567654
CIE Lab	34.03, 60.78, -90.82
CIE LCh	34, 109.278, 303.791
Yxy	8.0213, 0.1612, 0.0805
Android (android.graphics.Color)	4280757734 (0xFF272DE6)
YUV	64.2960, 81.6921, -22.1846
Hunter-Lab	28.3219, 51.6432, -138.3648

Details

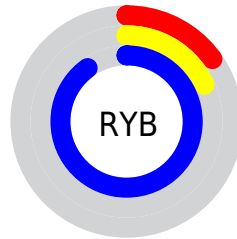
The Hex color **272DE6** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **E6E027**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **7A5FFF**, and **0000AD** is the 20% darker color. If you saturate the color by 10%, you get **1017E6**, and if you desaturate by 10%, it is **3E43E6**.

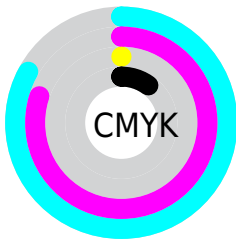
Distribution



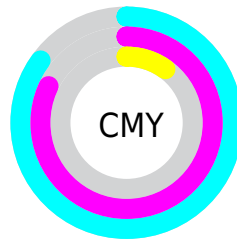
- Red (15%)
- Green (18%)
- Blue (90%)



- Red (15%)
- Yellow (18%)
- Blue (90%)



- Cyan (83%)
- Magenta (80%)
- Yellow (0%)
- Black (10%)



- Cyan (85%)
- Magenta (82%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 272DE6 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 272DE6 by changing the saturation by 10% instead.

 272DE6

 272DE6

FFFFFF

 0013C9

 7A5FFF

 0000AD

 9B79FF

 000091

 BB94FF

 000076

 DBAFFF

 000E5C

 FBCBFF

 000744

 FFE8FF

 00032D

 000117

 000000

■ 272DE6

■ 272DE6

■ 1017E6

■ 3E43E6

■ 0007E6

■ 555AE6

■ 6C70E6

■ 8386E6

■ 9A9CE6

■ B1B3E6

■ C8C9E6

■ DFD6E6

■ F6F5E6

Harmonies

Analogous

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



005EFF



272DE6



B7009F

Triad

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



272DE6



9B2100



006B5A

Complementary

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



272DE6



E6E027

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



272DE6



595200

Square

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



272DE6



C90000



006200



006DB1

Rectangle

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



272DE6



D30066



006200



006A3B

Sweetspot

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



272DE6



BFC1FF



27E6E0



595A80



000000



808080

Same Dimension

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



272DE6



0008FF



8027E6



676873



0006B3



000233

Inverse Universe

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



E6272D



FF0008



8DE627



736768



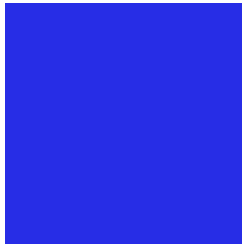
B30006



330002

Previews

White Background



This preview shows how the Hex color 272DE6 looks on a white background.

Color Contrast Check

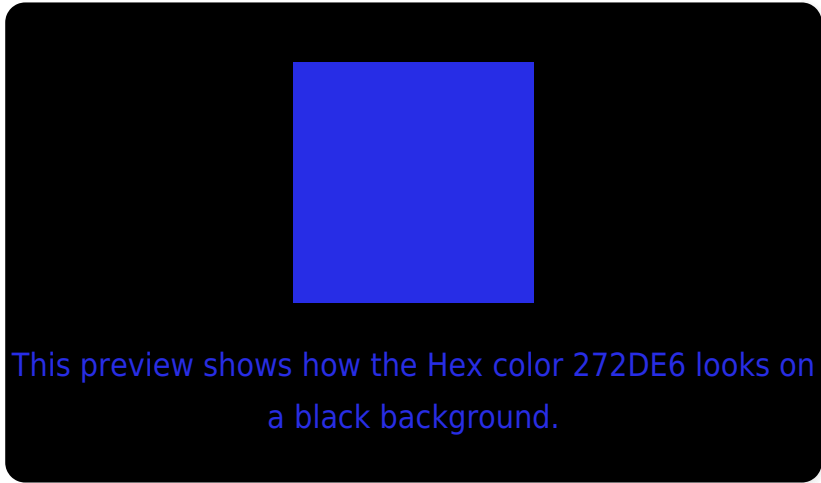
Large Text (above 18pt) WCAG AA ✓ Pass

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

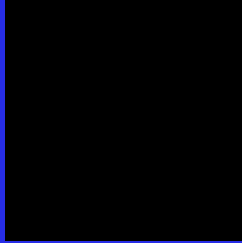
Any Text WCAG AA × Fail

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 272DE6 Background



This preview shows how black text looks on a background with the Hex color 272DE6.



This preview shows how white text looks on a background with the Hex color 272DE6.

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
272DE6

Protanomaly
0E41BA

Tritanomaly
0E488F

Monochromacy



Original Color
272DE6

Achromatopsia
404040

Achromatomaly
37397C

CSS Examples

Text

The CSS property to change the color of the text to Hex 272DE6 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 #272DE6 looks like.

```
.text, #text, p{  
    color:#272DE6  
}
```

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 #272DE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272DE6
}
```

Border

The CSS property to change the border of an element to Hex 272DE6 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
#272DE6 }
```

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

```
.border{ border-color:#272DE6 }
```

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

Here you see how a box with a 4 pixel #272DE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272DE6; -webkit-box-shadow:4px 4px  
4px 4px #272DE6; box-shadow:4px 4px 4px  
4px #272DE6 }
```

Background

The CSS property to change the background color of an element to Hex 272DE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272DE6 }
```

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

```
.background{ background-color:#272DE6 }
```

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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