

Converting Colors

Hex(2727CD)

Have a look what the booklet for
Hex(2727CD) contains.

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Color

Hex(2727CD)

Conversions

Conversions Part 1

Format	Color
Hex	2727CD
RGB	39, 39, 205
RGB Percent	15%, 15%, 80%
CMY	0.8471, 0.8471, 0.1961
CMYK	0.81, 0.81, 0.00, 0.20
HSL	240°, 68%, 48%
HSV	240°, 81%, 80%
XYZ	12.5817, 6.2902, 58.3086
YIQ	57.9240, -53.2860, 51.6260

Conversions

Conversions Part 2

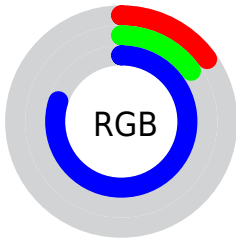
Format	Color
RYB	39, 39, 205
Decimal	2566093
CIELab	30.13, 55.97, -82.87
CIELCh	30, 100.005, 304.035
Yxy	6.2902, 0.1630, 0.0815
Android (android.graphics.Color)	4280756173 (0xFF2727CD)
YUV	57.9240, 72.5085, -16.5963
Hunter-Lab	25.0802, 45.6556, -120.2865

Details

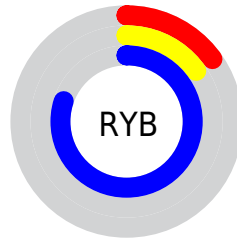
The Hex color **2727CD** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **CDCD27**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **7458FF**, and **000095** is the 20% darker color. If you saturate the color by 10%, you get **1313CD**, and if you desaturate by 10%, it is **3C3CCD**.

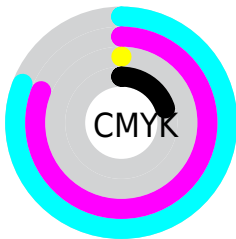
Distribution



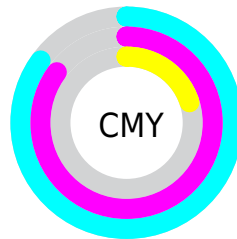
- Red (15%)
- Green (15%)
- Blue (80%)



- Red (15%)
- Yellow (15%)
- Blue (80%)



- Cyan (81%)
- Magenta (81%)
- Yellow (0%)
- Black (20%)



- Cyan (85%)
- Magenta (85%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2727CD 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 2727CD by changing the saturation by 10% instead.

 2727CD

 2727CD

FFFFFF

 000DB1

 7458FF

 000095

 9472FF

 00007A

 B38CFF

 000560

 D2A7FF

 000847

 F1C3FF

 000430

 FFDFFF

 00011A

 FFFCFF

 000000

 2727CD

 2727CD

■ 1313CD

■ 3C3CCD

■ 0000CD

■ 5050CD

■ 6565CD

■ 7979CD

■ 8E8ECD

■ A2A2CD

■ B7B7CD

■ CBCBCD

■ E0E0CD

Harmonies

Analogous

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



0053EA



2727CD



A4008D

Triad

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



2727CD



8A1E00



005F50

Complementary

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



2727CD



CDCD27

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.



005D00



2727CD



4F4900

Square

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



2727CD



B40000



005800



00619F

Rectangle

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



2727CD



BD005A



005800



005E35

Sweetspot

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



2727CD



C2C2FF



27CD CD



5B5B80



000000



808080

Same Dimension

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



2727CD



0808FF



7A27CD



5C5C66



0000A6



000026

Inverse Universe

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



CD27CD



FF08FF



7ACD27



665C66



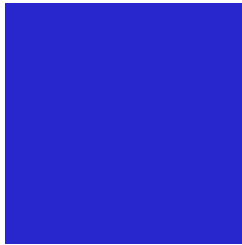
A600A6



260026

Previews

White Background



This preview shows how the Hex color 2727CD looks on a white background.

Color Contrast Check

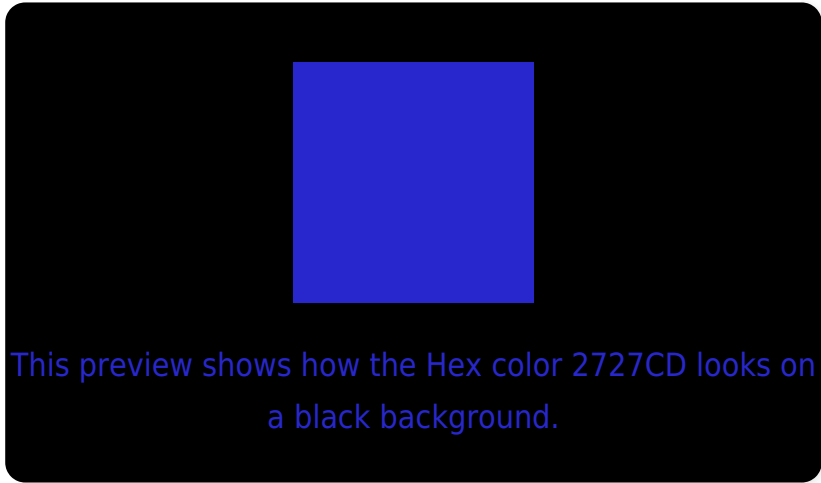
Large Text (above 18pt) WCAG AA ✓ Pass

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

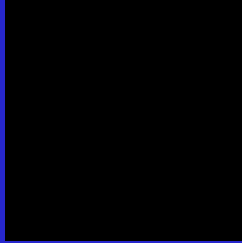
Any Text WCAG AA × Fail

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 2727CD Background



This preview shows how black text looks on a background with the Hex color 2727CD.



This preview shows how white text looks on a background with the Hex color 2727CD.

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



Original Color
2727CD

Protanopia
00448F

Deuteranopia
00497A



Tritanopia
004F53

Trichromacy



Original Color
2727CD

Protanomaly
0E39A6

Deuteranomaly
0E3D98

Tritanomaly
0E407F

Monochromacy



Original Color
2727CD

Achromatopsia
3A3A3A

Achromatomaly
33336F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2727CD 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 #2727CD looks like.

```
.text, #text, p{  
  color:#2727CD  
}
```

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 #2727CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2727CD
}
```

Border

The CSS property to change the border of an element to Hex 2727CD 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
#2727CD }
```

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

```
.border{ border-color:#2727CD }
```

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

Here you see how a box with a 4 pixel #2727CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2727CD; -webkit-box-shadow:4px 4px  
4px 4px #2727CD; box-shadow:4px 4px 4px  
4px #2727CD }
```

Background

The CSS property to change the background color of an element to Hex 2727CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2727CD }
```

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

```
.background{ background-color:#2727CD }
```

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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