

Converting Colors

Hex(2933CC)

Have a look what the booklet for
Hex(2933CC) contains.

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Color

Hex(2933CC)

Conversions

Conversions Part 1

Format	Color
Hex	2933CC
RGB	41, 51, 204
RGB Percent	16%, 20%, 80%
CMY	0.8392, 0.8000, 0.2000
CMYK	0.80, 0.75, 0.00, 0.20
HSL	236°, 67%, 48%
HSV	236°, 80%, 80%
XYZ	12.9974, 7.1987, 57.8312
YIQ	65.4520, -55.0730, 45.4630

Conversions

Conversions Part 2

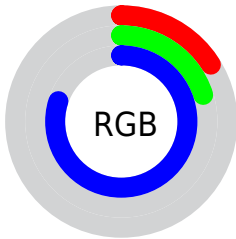
Format	Color
RYB	41, 50, 204
Decimal	2700236
CIELab	32.26, 49.60, -78.77
CIELCh	32, 93.087, 302.199
Yxy	7.1987, 0.1666, 0.0923
Android (android.graphics.Color)	4280890316 (0xFF2933CC)
YUV	65.4520, 68.3042, -21.4444
Hunter-Lab	26.8304, 39.5170, -109.0145

Details

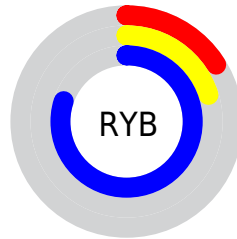
The Hex color **2933CC** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **CCC229**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **7463FF**, and **000694** is the 20% darker color. If you saturate the color by 10%, you get **1520CC**, and if you desaturate by 10%, it is **3D46CC**.

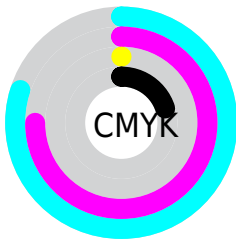
Distribution



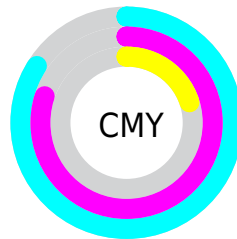
- Red (16%)
- Green (20%)
- Blue (80%)



- Red (16%)
- Yellow (20%)
- Blue (80%)



- Cyan (80%)
- Magenta (75%)
- Yellow (0%)
- Black (20%)



- Cyan (84%)
- Magenta (80%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2933CC 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 2933CC by changing the saturation by 10% instead.

 2933CC

 2933CC

FFFFFF

 001CB0

 7463FF

 000694

 937DFF

 00007A

 B297FF

 000260

 D1B2FF

 000847

 F0CEFF

 00042F

 FFEAFF

 00011A

 000000

 2933CC

 2933CC

■ 1520CC

■ 3D46CC

■ 000DCC

■ 5259CC

■ 666CCC

■ 7B80CC

■ 8F93CC

■ A3A6CC

■ B8B9CC

■ CCCCCC

■ E1DFCC

Harmonies

Analogous

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



0057E4



2933CC



A10092

Triad

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



2933CC



902400



006450

Complementary

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



2933CC



CCC229

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.



006100



2933CC



594C00

Square

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



2933CC



B60000



005B00



00669A

Rectangle

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



2933CC



BB0062



005B00



006336

Sweetspot

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



2933CC



C2C6FF



29CCC1



5B5D80



000000



808080

Same Dimension

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



2933CC



0A19FF



7029CC



5C5C66



000AA6



000226

Inverse Universe

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



CC2933



FF0A19



85CC29



665C5C



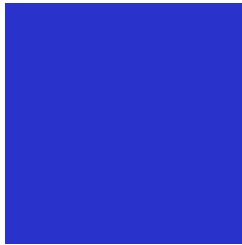
A6000A



260002

Previews

White Background



This preview shows how the Hex color 2933CC looks on a white background.

Color Contrast Check

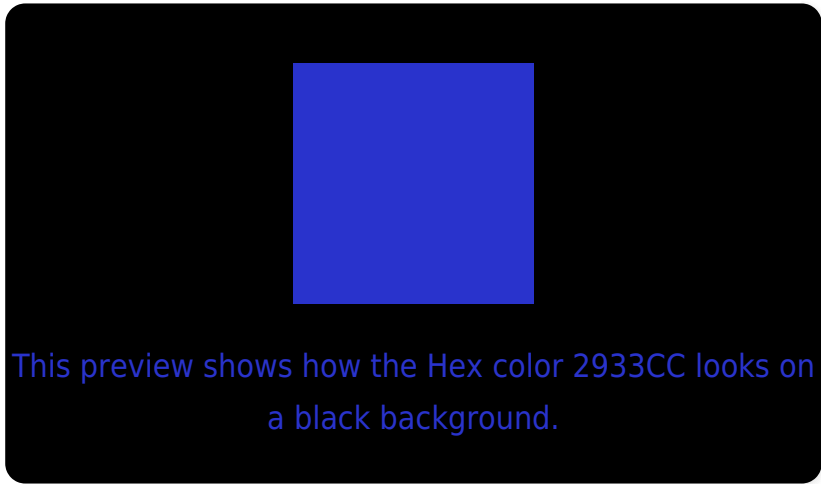
Large Text (above 18pt) WCAG AA ✓ Pass

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

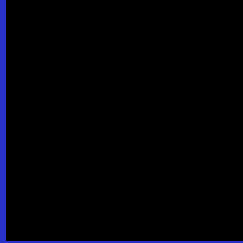
Any Text WCAG AA × Fail

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 2933CC Background



This preview shows how black text looks on a background with the Hex color 2933CC.



This preview shows how white text looks on a background with the Hex color 2933CC.

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
2933CC

Protanopia
004999

Deuteranopia
004E82

Trichromacy



Original Color
2933CC

Protanomaly
0F41AC

Deuteranomaly
0F449D

Tritanomaly
0F4882

Monochromacy



Original Color
2933CC

Achromatopsia
414141

Achromatomaly
383C74

CSS Examples

Text

The CSS property to change the color of the text to Hex 2933CC 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 #2933CC looks like.

```
.text, #text, p{  
    color:#2933CC  
}
```

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 #2933CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2933CC
}
```

Border

The CSS property to change the border of an element to Hex 2933CC 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
#2933CC }
```

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

```
.border{ border-color:#2933CC }
```

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

Here you see how a box with a 4 pixel #2933CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2933CC; -webkit-box-shadow:4px 4px  
4px 4px #2933CC; box-shadow:4px 4px 4px  
4px #2933CC }
```

Background

The CSS property to change the background color of an element to Hex 2933CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2933CC }
```

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

```
.background{ background-color:#2933CC }
```

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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