

Converting Colors

Hex(2753CF)

Have a look what the booklet for
Hex(2753CF) contains.

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Color

Hex(2753CF)

Conversions

Conversions Part 1

Format	Color
Hex	2753CF
RGB	39, 83, 207
RGB Percent	15%, 33%, 81%
CMY	0.8471, 0.6745, 0.1882
CMYK	0.81, 0.60, 0.00, 0.19
HSL	224°, 68%, 48%
HSV	224°, 81%, 81%
XYZ	15.1924, 11.1228, 60.3777
YIQ	83.9800, -66.0280, 29.2360

Conversions

Conversions Part 2

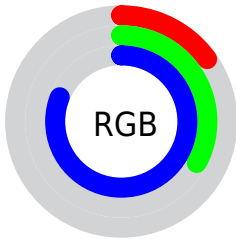
Format	Color
R_{YB}	39, 74, 207
Decimal	2577359
CIE _{Lab}	39.79, 30.89, -68.13
CIE _{LCh}	40, 74.805, 294.392
Yxy	11.1228, 0.1752, 0.1283
Android (android.graphics.Color)	4280767439 (0xFF2753CF)
YUV	83.9800, 60.6489, -39.4475
Hunter-Lab	33.3509, 22.9485, -83.9915

Details

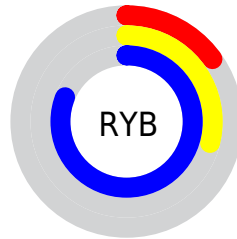
The Hex color **2753CF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark muted blue. A complement of this color would be **CFA327**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7184FF**, and **002797** is the 20% darker color. If you saturate the color by 10%, you get **1244CF**, and if you desaturate by 10%, it is **3C62CF**.

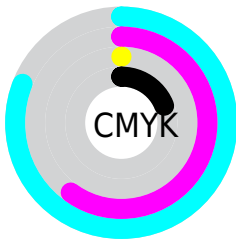
Distribution



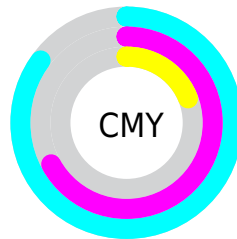
- Red (15%)
- Green (33%)
- Blue (81%)



- Red (15%)
- Yellow (29%)
- Blue (81%)



- Cyan (81%)
- Magenta (60%)
- Yellow (0%)
- Black (19%)



- Cyan (85%)
- Magenta (67%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2753CF 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 2753CF by changing the saturation by 10% instead.

 2753CF

 2753CF

FFFFFF

 003CB3

 7184FF

 002797

 909EFF

 00157D

 AFB9FF

 000063

 CDD4FF

 00094A

 ECF1FF

 000432

 00021C

 000000

 2753CF

 2753CF

■ 1244CF

■ 3C62CF

■ 0036CF

■ 5072CF

■ 6581CF

■ 7A90CF

■ 8F9FCF

■ A3AFCF

■ B8BECF

■ CDCDCF

■ E1DDCF

Harmonies

Analogous

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



006AD9



2753CF



9929A6

Triad

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



2753CF



A83800



007550

Complementary

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



2753CF



CFA327

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.



007202



2753CF



7D5800

Square

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



2753CF



C10030



436900



00768F

Rectangle

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



2753CF



B70080



436900



00743A

Sweetspot

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



2753CF



C2D2FF



27CFA2



5B6480



000000



808080

Same Dimension

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



2753CF



0848FF



4E27CF



5E6169



002CA8



000B29

Inverse Universe

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



CF2753



FF0848



A8CF27



695E61



A8002C



29000B

Previews

White Background



This preview shows how the Hex color 2753CF looks on a white background.

Color Contrast Check

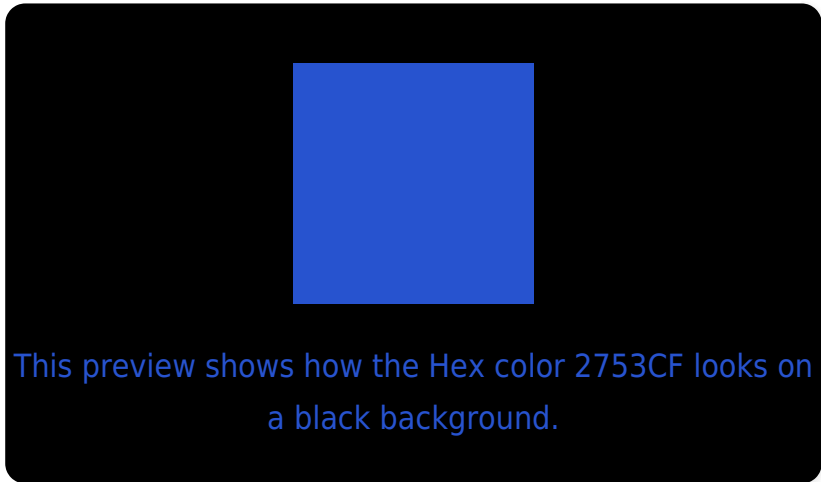
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

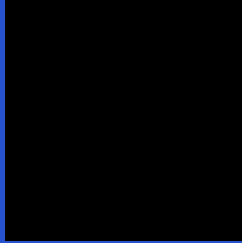
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 2753CF Background



This preview shows how black text looks on a background with the Hex color 2753CF.

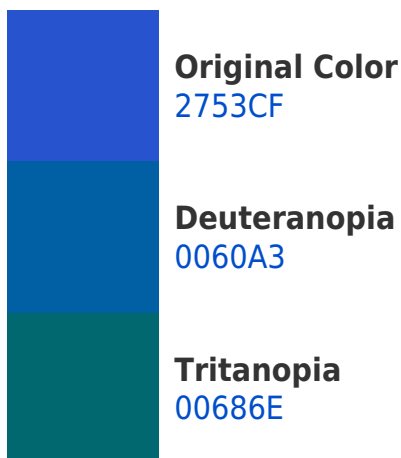


This preview shows how white text looks on a background with the Hex color 2753CF.

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
2753CF

Deuteranomaly
0E5BB3

Tritanomaly
0E6091

Monochromacy



Original Color
2753CF

Achromatopsia
545454

Achromatomaly
445481

CSS Examples

Text

The CSS property to change the color of the text to Hex 2753CF 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 #2753CF looks like.

```
.text, #text, p{  
    color:#2753CF  
}
```

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 #2753CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2753CF
}
```

Border

The CSS property to change the border of an element to Hex 2753CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

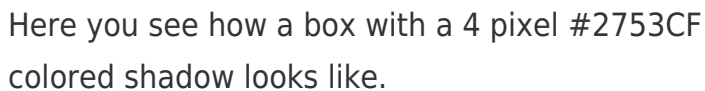
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2753CF }
```

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

```
.border{ border-color:#2753CF }
```

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



Here you see how a box with a 4 pixel #2753CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2753CF; -webkit-box-shadow:4px 4px  
4px 4px #2753CF; box-shadow:4px 4px 4px  
4px #2753CF }
```

Background

The CSS property to change the background color of an element to Hex 2753CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2753CF }
```

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

```
.background{ background-color:#2753CF }
```

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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