

Converting Colors

Hex(2C76ED)

Have a look what the booklet for
Hex(2C76ED) contains.

Hex(2C76ED)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2C76ED)

Conversions

Conversions Part 1

Format	Color
Hex	2C76ED
RGB	44, 118, 237
RGB Percent	17%, 46%, 93%
CMY	0.8275, 0.5373, 0.0706
CMYK	0.81, 0.50, 0.00, 0.07
HSL	217°, 84%, 55%
HSV	217°, 81%, 93%
XYZ	22.8032, 19.6068, 82.7034
YIQ	109.4400, -82.3030, 21.3210

Conversions

Conversions Part 2

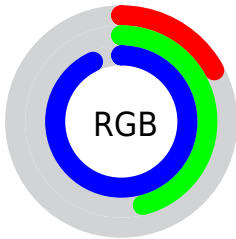
Format	Color
R_{YB}	44, 97, 237
Decimal	2914029
CIE _{Lab}	51.39, 20.21, -66.29
CIE _{LCh}	51, 69.305, 286.958
Yxy	19.6068, 0.1823, 0.1567
Android (android.graphics.Color)	4281104109 (0xFF2C76ED)
YUV	109.4400, 62.8871, -57.3909
Hunter-Lab	44.2795, 14.4353, -79.7436

Details

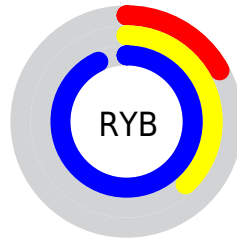
The Hex color **2C76ED** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **EDA32C**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **79A9FF**, and **0047B4** is the 20% darker color. If you saturate the color by 10%, you get **1467ED**, and if you desaturate by 10%, it is **4485ED**.

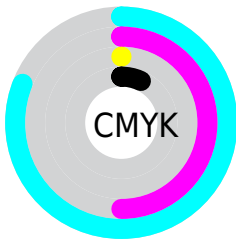
Distribution



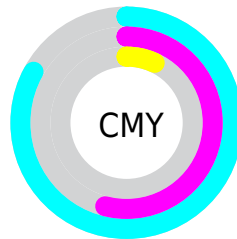
- Red (17%)
- Green (46%)
- Blue (93%)



- Red (17%)
- Yellow (38%)
- Blue (93%)



- Cyan (81%)
- Magenta (50%)
- Yellow (0%)
- Black (7%)



- Cyan (83%)
- Magenta (54%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C76ED 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 2C76ED by changing the saturation by 10% instead.

 2C76ED

 2C76ED

FFFFFF

 005ED0

 79A9FF

 0047B4

 99C4FF

 003299

 B8E0FF

 001F7E

 D7FDFF

 000664

 F6FFFF

 00094B

 000434

 00021E

 000000

■ 2C76ED

■ 2C76ED

■ 1467ED

■ 4485ED

■ 005BED

■ 5B93ED

■ 73A2ED

■ 8BB0ED

■ A3BFED

■ BACEED

■ D2DCED

■ EAEBED

■ FFFAED

Harmonies

Analogous

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



0089EF



2C76ED



A659CC

Triad

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



2C76ED



D05323



00935E

Complementary

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



2C76ED



EDA32C

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.



228D1E



2C76ED



A96E00

Square

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



2C76ED



E2375C



758200



00959B

Rectangle

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



2C76ED



CB43AA



758200



009249

Sweetspot

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



2C76ED



C2D9FF



2CEDA0



5B6980



000000



808080

Same Dimension

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



2C76ED



0565FF



3F2CED



6A6E75



0045B5



001536

Inverse Universe

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



ED2C76



FF0565



DAED2C



756A6E



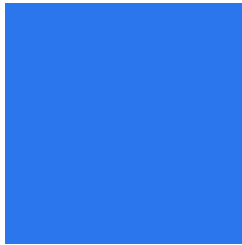
B50045



360015

Previews

White Background



This preview shows how the Hex color 2C76ED looks on a white background.

Color Contrast Check

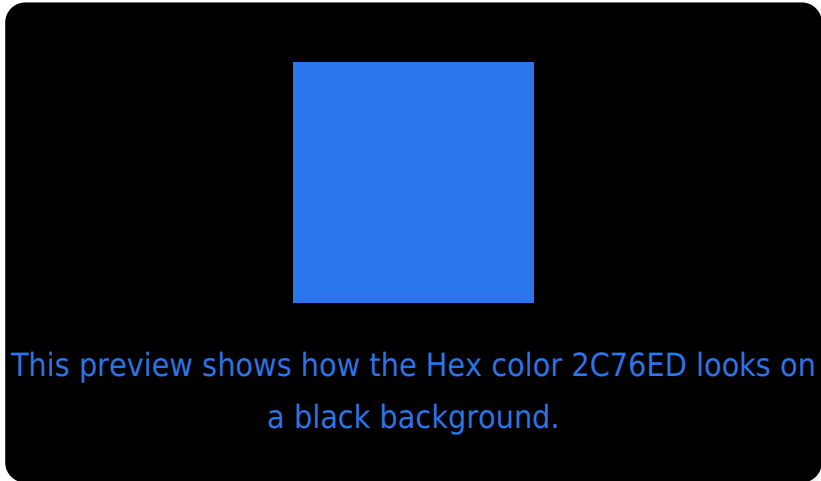
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

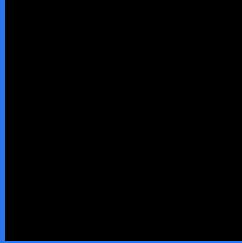
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

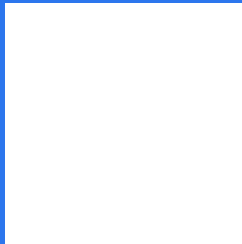
Any Text WCAG AAA × Fail

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

Hex 2C76ED Background



This preview shows how black text looks on a background with the Hex color 2C76ED.



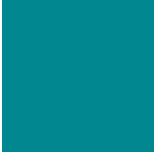
This preview shows how white text looks on a background with the Hex color 2C76ED.

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



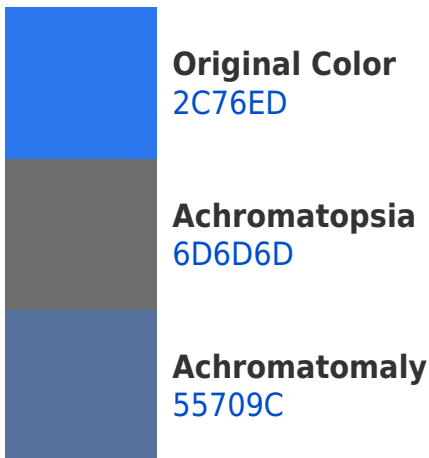


Tritanopia
008790

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2C76ED 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 #2C76ED looks like.

```
.text, #text, p{  
    color:#2C76ED  
}
```

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 #2C76ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C76ED
}
```

Border

The CSS property to change the border of an element to Hex 2C76ED 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
#2C76ED }
```

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

```
.border{ border-color:#2C76ED }
```

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

Here you see how a box with a 4 pixel #2C76ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C76ED; -webkit-box-shadow:4px 4px  
4px 4px #2C76ED; box-shadow:4px 4px 4px  
4px #2C76ED }
```

Background

The CSS property to change the background color of an element to Hex 2C76ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C76ED }
```

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

```
.background{ background-color:#2C76ED }
```

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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