

Converting Colors

Hex(2D71EA)

Have a look what the booklet for
Hex(2D71EA) contains.

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Color

Hex(2D71EA)

Conversions

Conversions Part 1

Format	Color
Hex	2D71EA
RGB	45, 113, 234
RGB Percent	18%, 44%, 92%
CMY	0.8235, 0.5569, 0.0824
CMYK	0.81, 0.52, 0.00, 0.08
HSL	218°, 82%, 55%
HSV	218°, 81%, 92%
XYZ	21.8386, 18.3087, 80.2248
YIQ	106.4620, -79.3690, 23.2150

Conversions

Conversions Part 2

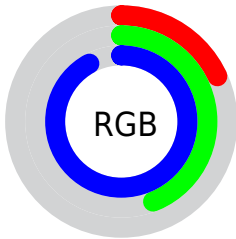
Format	Color
R_{YB}	45, 95, 234
Decimal	2978282
CIE _{Lab}	49.87, 22.33, -67.07
CIE _{LCh}	50, 70.692, 288.411
Yxy	18.3087, 0.1814, 0.1521
Android (android.graphics.Color)	4281168362 (0xFF2D71EA)
YUV	106.4620, 62.8762, -53.9022
Hunter-Lab	42.7886, 16.2234, -81.2114

Details

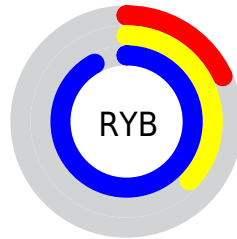
The Hex color **2D71EA** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **EAA62D**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **79A4FF**, and **0042B1** is the 20% darker color. If you saturate the color by 10%, you get **1662EA**, and if you desaturate by 10%, it is **4480EA**.

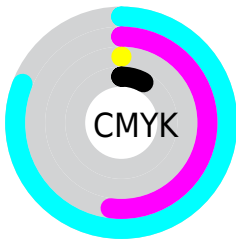
Distribution



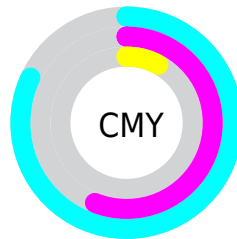
- Red (18%)
- Green (44%)
- Blue (92%)



- Red (18%)
- Yellow (37%)
- Blue (92%)



- Cyan (81%)
- Magenta (52%)
- Yellow (0%)
- Black (8%)



- Cyan (82%)
- Magenta (56%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D71EA 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 2D71EA by changing the saturation by 10% instead.

■ 2D71EA

■ 2D71EA

FFFFFF

■ 0059CD

■ 79A4FF

■ 0042B1

■ 99BFFF

■ 002D96

■ B8DBFF

■ 001B7B

■ D7F7FF

■ 000062

■ F6FFFF

■ 000949

■ 000431

■ 00011B

■ 000000

■ 2D71EA

■ 2D71EA

■ 1662EA

■ 4480EA

■ 0054EA

■ 5C8FEA

■ 739EEA

■ 8BADEA

■ A2BCEA

■ B9CBEA

■ D1DAEA

■ E8E9EA

■ FFF8EA

Harmonies

Analogous

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



0085ED



2D71EA



A652C7

Triad

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



2D71EA



CB4F1A



008F5C

Complementary

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



2D71EA



EAA62D

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.



088A1A



2D71EA



A36C00

Square

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



2D71EA



DE3055



6D7F00



00919B

Rectangle

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



2D71EA



C93BA4



6D7F00



008E47

Sweetspot

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



2D71EA



C2D8FF



2DEAA5



5B6880



000000



808080

Same Dimension

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



2D71EA



0861FF



462DEA



6A6E75



0041B5



001336

Inverse Universe

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



EA2D71



FF0861



D1EA2D



756A6E



B50041



360013

Previews

White Background



This preview shows how the Hex color 2D71EA looks on a white background.

Color Contrast Check

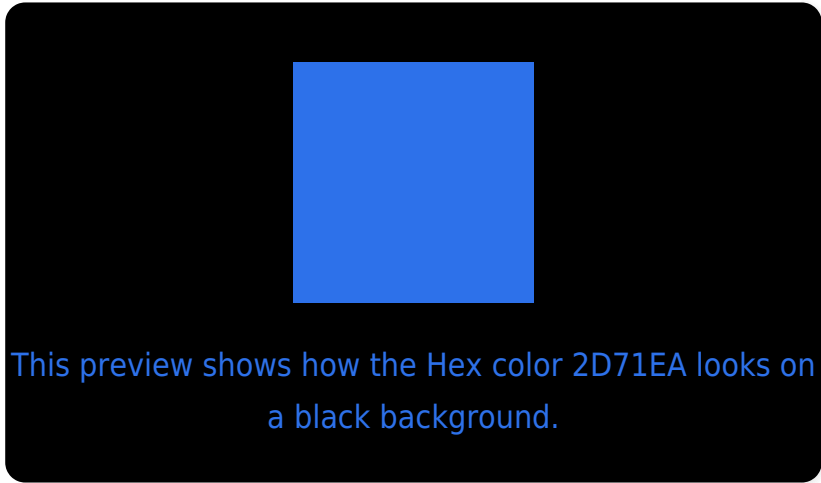
Large Text (above 18pt) WCAG AA ✓ Pass

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

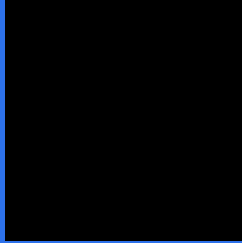
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

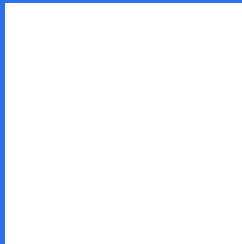
Any Text WCAG AAA × Fail

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

Hex 2D71EA Background



This preview shows how black text looks on a background with the Hex color 2D71EA.



This preview shows how white text looks on a background with the Hex color 2D71EA.

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](#).

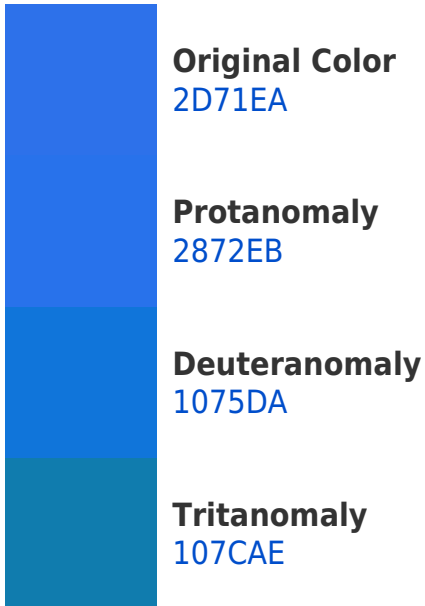
Dichromacy





Tritanopia
00838C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D71EA 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 #2D71EA looks like.

```
.text, #text, p{  
    color:#2D71EA  
}
```

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 #2D71EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D71EA
}
```

Border

The CSS property to change the border of an element to Hex 2D71EA 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
#2D71EA }
```

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

```
.border{ border-color:#2D71EA }
```

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

Here you see how a box with a 4 pixel #2D71EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D71EA; -webkit-box-shadow:4px 4px  
4px 4px #2D71EA; box-shadow:4px 4px 4px  
4px #2D71EA }
```

Background

The CSS property to change the background color of an element to Hex 2D71EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D71EA }
```

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

```
.background{ background-color:#2D71EA }
```

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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