

Converting Colors

Hex(2D6CE8)

Have a look what the booklet for
Hex(2D6CE8) contains.

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Color

Hex(2D6CE8)

Conversions

Conversions Part 1

Format	Color
Hex	2D6CE8
RGB	45, 108, 232
RGB Percent	18%, 42%, 91%
CMY	0.8235, 0.5765, 0.0902
CMYK	0.81, 0.53, 0.00, 0.09
HSL	220°, 80%, 54%
HSV	220°, 81%, 91%
XYZ	21.0102, 17.1092, 78.5390
YIQ	103.2990, -77.3520, 25.2080

Conversions

Conversions Part 2

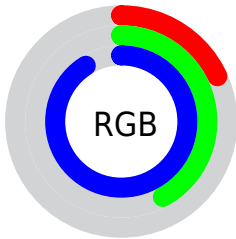
Format	Color
R _Y B	45, 92, 232
Decimal	2977000
CIE Lab	48.40, 24.75, -68.34
CIE LCh	48, 72.678, 289.906
Yxy	17.1092, 0.1801, 0.1467
Android (android.graphics.Color)	4281167080 (0xFF2D6CE8)
YUV	103.2990, 63.4496, -51.1282
Hunter-Lab	41.3633, 18.2823, -83.6232

Details

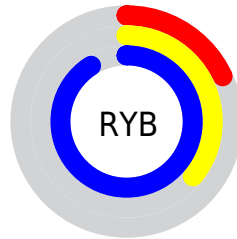
The Hex color **2D6CE8** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **E8A92D**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **789FFF**, and **003EAF** is the 20% darker color. If you saturate the color by 10%, you get **165DE8**, and if you desaturate by 10%, it is **447BE8**.

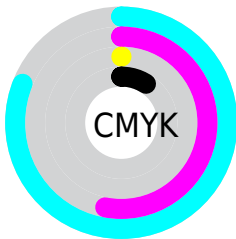
Distribution



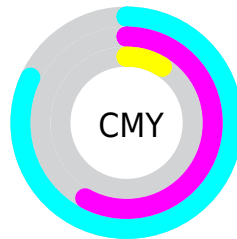
- Red (18%)
- Green (42%)
- Blue (91%)



- Red (18%)
- Yellow (36%)
- Blue (91%)



- Cyan (81%)
- Magenta (53%)
- Yellow (0%)
- Black (9%)



- Cyan (82%)
- Magenta (58%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D6CE8 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 2D6CE8 by changing the saturation by 10% instead.

■ 2D6CE8

■ 2D6CE8

FFFFFF

■ 0054CB

■ 789FFF

■ 003EAF

■ 98BAFF

■ 002994

■ B8D5FF

■ 001879

■ D7F1FF

■ 000160

■ F6FFFF

■ 000847

■ 000430

■ 00011A

■ 000000

■ 2D6CE8

■ 2D6CE8

■ 165DE8

■ 447BE8

■ 004EE8

■ 5B8BE8

■ 739AE8

■ 8AAAE8

■ A1B9E8

■ B8C8E8

■ CFD8E8

■ E7E7E8

■ FEF6E8

Harmonies

Analogous

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



0081ED



2D6CE8



A64BC3

Triad

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



2D6CE8



C64B0D



008C5B

Complementary

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



2D6CE8



E8A92D

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.



008716



2D6CE8



9D6900

Square

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



2D6CE8



DC264D



657C00



008D9B

Rectangle

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



2D6CE8



C9319F



657C00



008B46

Sweetspot

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



2D6CE8



C2D6FF



2DE8A7



5B6780



000000



808080

Same Dimension

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



2D6CE8



085BFF



492DE8



676B73



003CB3



001133

Inverse Universe

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



E82D6C



FF085B



CCE82D



73676B



B3003C



330011

Previews

White Background



This preview shows how the Hex color 2D6CE8 looks on a white background.

Color Contrast Check

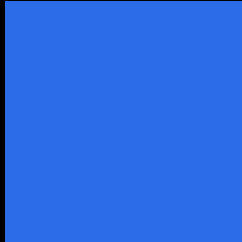
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2D6CE8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

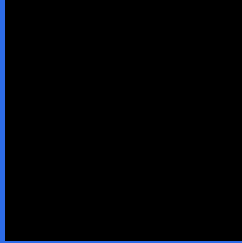
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

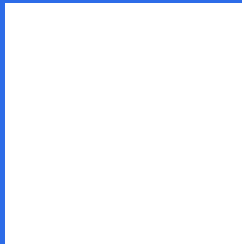
Any Text WCAG AAA × Fail

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

Hex 2D6CE8 Background



This preview shows how black text looks on a background with the Hex color 2D6CE8.



This preview shows how white text looks on a background with the Hex color 2D6CE8.

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](#).

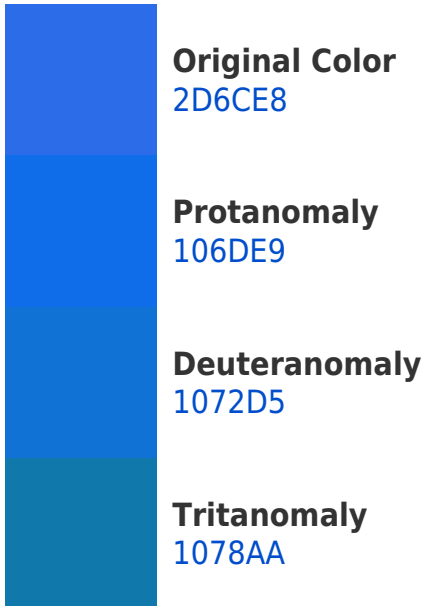
Dichromacy





Tritanopia
007F87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D6CE8 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 #2D6CE8 looks like.

```
.text, #text, p{  
    color:#2D6CE8  
}
```

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 #2D6CE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D6CE8
}
```

Border

The CSS property to change the border of an element to Hex 2D6CE8 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
#2D6CE8 }
```

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

```
.border{ border-color:#2D6CE8 }
```

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

Here you see how a box with a 4 pixel #2D6CE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D6CE8; -webkit-box-shadow:4px 4px  
4px 4px #2D6CE8; box-shadow:4px 4px 4px  
4px #2D6CE8 }
```

Background

The CSS property to change the background color of an element to Hex 2D6CE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D6CE8 }
```

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

```
.background{ background-color:#2D6CE8 }
```

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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