

Converting Colors

Hex(0267D3)

Have a look what the booklet for
Hex(0267D3) contains.

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Color

Hex(0267D3)

Conversions

Conversions Part 1

Format	Color
Hex	0267D3
RGB	2, 103, 211
RGB Percent	1%, 40%, 83%
CMY	0.9922, 0.5961, 0.1725
CMYK	0.99, 0.51, 0.00, 0.17
HSL	211°, 98%, 42%
HSV	211°, 99%, 83%
XYZ	16.6332, 14.4166, 63.5340
YIQ	85.1130, -94.8640, 12.1760

Conversions

Conversions Part 2

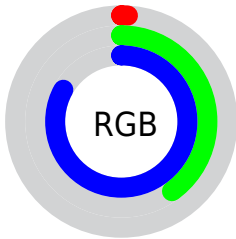
Format	Color
RYB	2, 70, 211
Decimal	157651
CIELab	44.82, 17.50, -62.26
CIELCh	45, 64.669, 285.698
Yxy	14.4166, 0.1759, 0.1524
Android (android.graphics.Color)	4278347731 (0xFF0267D3)
YUV	85.1130, 62.0623, -72.8901
Hunter-Lab	37.9691, 11.7496, -72.6320

Details

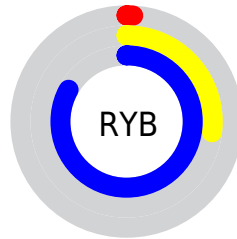
The Hex color **0267D3** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D36E02**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **6599FF**, and **00399B** is the 20% darker color. If you saturate the color by 10%, you get **0066D3**, and if you desaturate by 10%, it is **1772D3**.

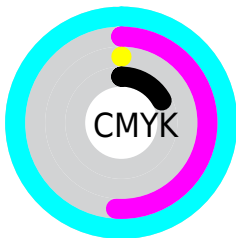
Distribution



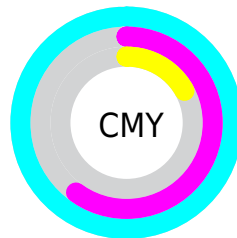
- Red (1%)
- Green (40%)
- Blue (83%)



- Red (1%)
- Yellow (27%)
- Blue (83%)



- Cyan (99%)
- Magenta (51%)
- Yellow (0%)
- Black (17%)



- Cyan (99%)
- Magenta (60%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0267D3 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 0267D3 by changing the saturation by 10% instead.

0267D3

0267D3

FFFFFF

0050B7

6599FF

00399B

86B4FF

002581

A5CFFF

001267

C3EBFF

000A4E

E2FFFF

000536

000220

000004

000000

■ 0267D3

■ 0267D3

■ 0066D3

■ 1772D3

■ 2C7DD3

■ 4188D3

■ 5693D3

■ 6C9ED3

■ 81A8D3

■ 96B3D3

■ ABBED3

■ C0C9D3

Harmonies

Analogous

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



0078D3



0267D3



8E4DB6

Triad

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



0267D3



B8441C



00804D

Complementary

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



0267D3



D36E02

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.



1C7B11



0267D3



965E00

Square

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



0267D3



C82950



667000



008286

Rectangle

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



0267D3



B13897



667000



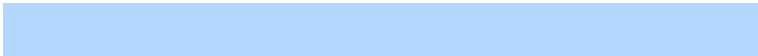
007F3B

Sweetspot

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



0267D3



B3D7FF



02D36E



526880



000000



808080

Same Dimension

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



0267D3



007BFF



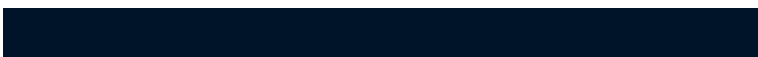
0502D3



5E6369



0051A8



001429

Inverse Universe

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



D30267



FF007B



D0D302



695E63



A80051



290014

Previews

White Background



This preview shows how the Hex color 0267D3 looks on a white background.

Color Contrast Check

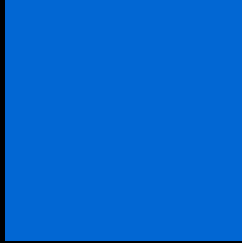
Large Text (above 18pt) WCAG AA ✓ Pass

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 0267D3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

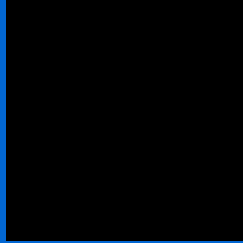
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

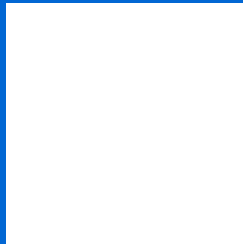
Any Text WCAG AAA ✗ Fail

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

Hex 0267D3 Background



This preview shows how black text looks on a background with the Hex color 0267D3.



This preview shows how white text looks on a background with the Hex color 0267D3.

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
0267D3

Protanomaly
1766D2

Tritanomaly
01709C

Monochromacy



Original Color
0267D3

Achromatopsia
555555

Achromatomaly
375C83

CSS Examples

Text

The CSS property to change the color of the text to Hex 0267D3 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 #0267D3 looks like.

```
.text, #text, p{  
    color:#0267D3  
}
```

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 #0267D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0267D3
}
```

Border

The CSS property to change the border of an element to Hex 0267D3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

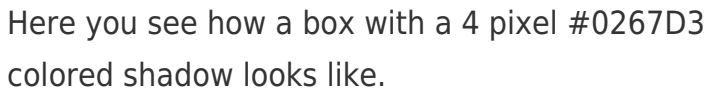
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0267D3 }
```

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

```
.border{ border-color:#0267D3 }
```

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



Here you see how a box with a 4 pixel #0267D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0267D3; -webkit-box-shadow:4px 4px  
4px 4px #0267D3; box-shadow:4px 4px 4px  
4px #0267D3 }
```

Background

The CSS property to change the background color of an element to Hex 0267D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0267D3 }
```

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

```
.background{ background-color:#0267D3 }
```

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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