

Converting Colors

Hex(0265D4)

Have a look what the booklet for
Hex(0265D4) contains.

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Color

Hex(0265D4)

Conversions

Conversions Part 1

Format	Color
Hex	0265D4
RGB	2, 101, 212
RGB Percent	1%, 40%, 83%
CMY	0.9922, 0.6039, 0.1686
CMYK	0.99, 0.52, 0.00, 0.17
HSL	212°, 98%, 42%
HSV	212°, 99%, 83%
XYZ	16.5624, 14.0737, 64.1309
YIQ	84.0530, -94.6350, 13.5330

Conversions

Conversions Part 2

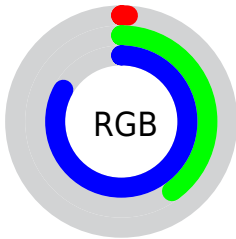
Format	Color
RYP	2, 69, 212
Decimal	157140
CIELab	44.34, 19.19, -63.62
CIElCh	44, 66.449, 286.790
Yxy	14.0737, 0.1748, 0.1485
Android (android.graphics.Color)	4278347220 (0xFF0265D4)
YUV	84.0530, 63.0779, -71.9605
Hunter-Lab	37.5150, 13.1543, -75.0943

Details

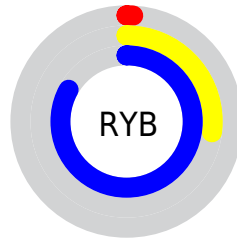
The Hex color **0265D4** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D47102**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6697FF**, and **00389C** is the 20% darker color. If you saturate the color by 10%, you get **0064D4**, and if you desaturate by 10%, it is **1770D4**.

Distribution



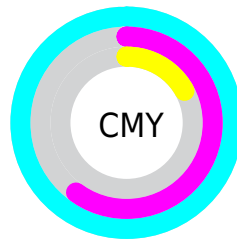
- Red (1%)
- Green (40%)
- Blue (83%)



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



- Cyan (99%)
- Magenta (52%)
- Yellow (0%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 0265D4 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 0265D4 by changing the saturation by 10% instead.

0265D4

0265D4

FFFFFF

004EB8

6697FF

00389C

86B2FF

002482

A5CDFF

001168

C4E9FF

000A4F

E3FFFF

000537

000221

000005

000000

■ 0265D4

■ 0265D4

■ 0064D4

■ 1770D4

■ 2C7BD4

■ 4287D4

■ 5792D4

■ 6C9DD4

■ 81A8D4

■ 96B3D4

■ ACBFD4

■ C1CAD4

Harmonies

Analogous

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



0077D5



0265D4



9049B5

Triad

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



0265D4



B74216



007F4E

Complementary

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



0265D4



D47102

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.



0C7A0D



0265D4



935D00

Square

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



0265D4



C8244D



637000



008187

Rectangle

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



0265D4



B33296



637000



007E3A

Sweetspot

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



0265D4



B3D7FF



02D46E



526780



000000



808080

Same Dimension

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



0265D4



0078FF



0502D4



60656B



0051AB



00142B

Inverse Universe

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



D40265



FF0078



D1D402



6B6065



AB0051



2B0014

Previews

White Background



This preview shows how the Hex color 0265D4 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 0265D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

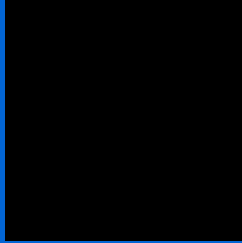
Any Text WCAG AA × Fail

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 0265D4 Background



This preview shows how black text looks on a background with the Hex color 0265D4.



This preview shows how white text looks on a background with the Hex color 0265D4.

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
00747B

Trichromacy



Original Color
0265D4

Protanomaly
0F65D4

Deuteranomaly
0169C3

Tritanomaly
016F9B

Monochromacy



Original Color
0265D4

Achromatopsia
545454

Achromatomaly
365A83

CSS Examples

Text

The CSS property to change the color of the text to Hex 0265D4 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 #0265D4 looks like.

```
.text, #text, p{  
    color:#0265D4  
}
```

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 #0265D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0265D4
}
```

Border

The CSS property to change the border of an element to Hex 0265D4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

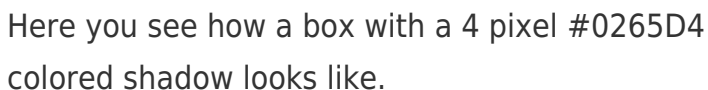
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0265D4 }
```

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

```
.border{ border-color:#0265D4 }
```

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



Here you see how a box with a 4 pixel #0265D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0265D4; -webkit-box-shadow:4px 4px  
4px 4px #0265D4; box-shadow:4px 4px 4px  
4px #0265D4 }
```

Background

The CSS property to change the background color of an element to Hex 0265D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0265D4 }
```

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

```
.background{ background-color:#0265D4 }
```

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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