

Converting Colors

Hex(0303D6)

Have a look what the booklet for
Hex(0303D6) contains.

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Color

Hex(0303D6)

Conversions

Conversions Part 1

Format	Color
Hex	0303D6
RGB	3, 3, 214
RGB Percent	1%, 1%, 84%
CMY	0.9882, 0.9882, 0.1608
CMYK	0.99, 0.99, 0.00, 0.16
HSL	240°, 97%, 43%
HSV	240°, 99%, 84%
XYZ	12.2077, 4.9395, 63.9283
YIQ	27.0540, -67.7310, 65.6210

Conversions

Conversions Part 2

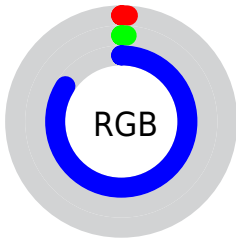
Format	Color
R_{YB}	3, 3, 214
Decimal	197590
CIE Lab	26.56, 68.82, -94.09
CIE LCh	27, 116.569, 306.181
Yxy	4.9395, 0.1506, 0.0609
Android (android.graphics.Color)	4278387670 (0xFF0303D6)
YUV	27.0540, 92.1644, -21.0954
Hunter-Lab	22.2250, 59.1522, -154.9849

Details

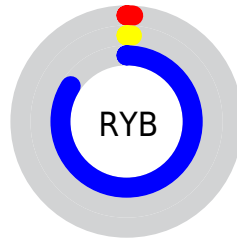
The Hex color **0303D6** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **D6D603**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **6E42FF**, and **00009D** is the 20% darker color. If you saturate the color by 10%, you get **0000D6**, and if you desaturate by 10%, it is **1818D6**.

Distribution



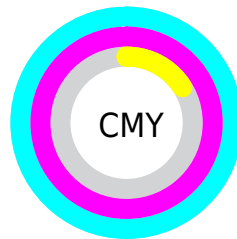
- Red (1%)
- Green (1%)
- Blue (84%)



- Red (1%)
- Yellow (1%)
- Blue (84%)



- Cyan (99%)
- Magenta (99%)
- Yellow (0%)
- Black (16%)



- Cyan (99%)
- Magenta (99%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0303D6 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 0303D6 by changing the saturation by 10% instead.

0303D6

0303D6

FFFFFF

0000B9

6E42FF

00009D

905DFF

000082

B078FF

000968

D093FF

000A4F

F0AFFE

000537

FFCBEF

000220

FFE8FF

000005

000000

■ 0303D6

■ 0303D6

■ 0000D6

■ 1818D6

■ 2E2ED6

■ 4343D6

■ 5959D6

■ 6E6ED6

■ 8383D6

■ 9999D6

■ AEAED6

■ C4C4D6

Harmonies

Analogous

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



004EFB



0303D6



AB0089

Triad

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



0303D6



830800



005750

Complementary

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



0303D6



D6D603

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.



005500



0303D6



3D4300

Square

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



0303D6



B30000



005100



005BAA

Rectangle

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



0303D6



C4004F



005100



005731

Sweetspot

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



0303D6



B3B3FF



03D6D6



525280



000000



808080

Same Dimension

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



0303D6



0000FF



6D03D6



60606B



0000AB



00002B

Inverse Universe

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



D603D6



FF00FF



6DD603



6B606B



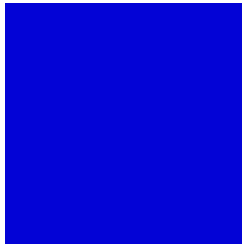
AB00AB



2B002B

Previews

White Background



This preview shows how the Hex color 0303D6 looks on a white background.

Color Contrast Check

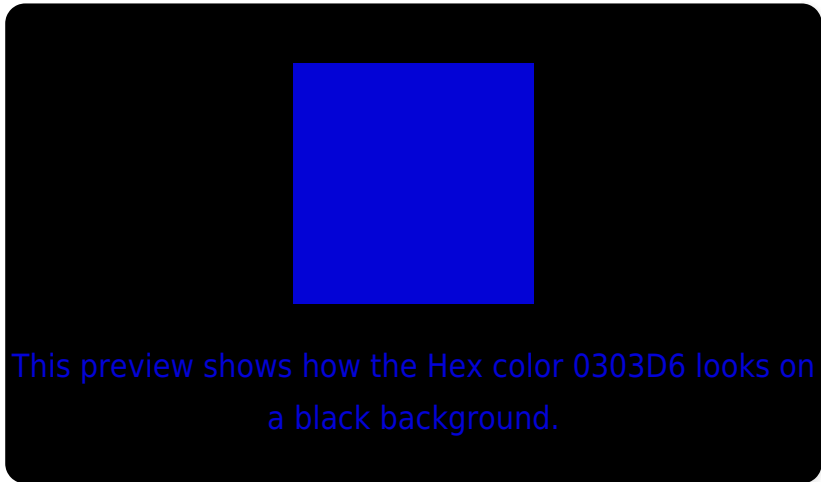
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 0303D6 Background



This preview shows how black text looks on a background with the Hex color 0303D6.



This preview shows how white text looks on a background with the Hex color 0303D6.

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



Original Color
0303D6

Protanopia
003F83

Deuteranopia
00436F



Tritanopia
00484B

Trichromacy



Original Color
0303D6

Protanomaly
0129A1

Deuteranomaly
012C94

Tritanomaly
012F7E

Monochromacy



Original Color
0303D6

Achromatopsia
1B1B1B

Achromatomaly
12125F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0303D6 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 #0303D6 looks like.

```
.text, #text, p{  
    color:#0303D6  
}
```

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 #0303D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0303D6
}
```

Border

The CSS property to change the border of an element to Hex 0303D6 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
#0303D6 }
```

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

```
.border{ border-color:#0303D6 }
```

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

Here you see how a box with a 4 pixel #0303D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0303D6; -webkit-box-shadow:4px 4px  
4px 4px #0303D6; box-shadow:4px 4px 4px  
4px #0303D6 }
```

Background

The CSS property to change the background color of an element to Hex 0303D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0303D6 }
```

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

```
.background{ background-color:#0303D6 }
```

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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