

Converting Colors

Hex(0031D4)

Have a look what the booklet for
Hex(0031D4) contains.

Hex(0031D4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0031D4)

Conversions

Conversions Part 1

Format	Color
Hex	0031D4
RGB	0, 49, 212
RGB Percent	0%, 19%, 83%
CMY	1.0000, 0.8078, 0.1686
CMYK	1.00, 0.77, 0.00, 0.17
HSL	226°, 100%, 42%
HSV	226°, 100%, 83%
XYZ	12.9820, 6.9501, 62.9446
YIQ	52.9310, -81.5270, 40.3050

Conversions

Conversions Part 2

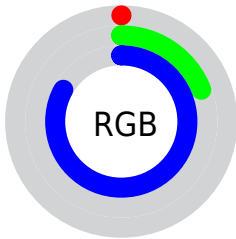
Format	Color
R _Y B	0, 40, 212
Decimal	12756
CIE Lab	31.69, 51.92, -84.38
CIE LCh	32, 99.075, 301.606
Yxy	6.9501, 0.1566, 0.0839
Android (android.graphics.Color)	4278202836 (0xFF0031D4)
YUV	52.9310, 78.4210, -46.4205
Hunter-Lab	26.3630, 41.7637, -123.1073

Details

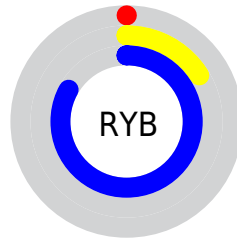
The Hex color **0031D4** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **D4A300**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **6A61FF**, and **00059C** is the 20% darker color. If you saturate the color by 10%, you get **0031D4**, and if you desaturate by 10%, it is **1541D4**.

Distribution



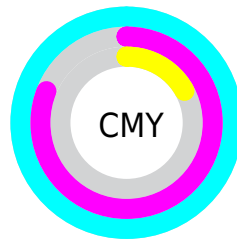
- Red (0%)
- Green (19%)
- Blue (83%)



- Red (0%)
- Yellow (16%)
- Blue (83%)



- Cyan (100%)
- Magenta (77%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (81%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0031D4 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 0031D4 by changing the saturation by 10% instead.

 0031D4

 0031D4


FFFFFF

 001AB8

 6A61FF

 00059C

 8B7AFF

 000081

 AB95FF

 000566

 CAB0FF

 000A4D

 EACBFF

 000536

 FFE8FF

 00021F

 000003

 000000

 0031D4

 1541D4

 2A52D4

 4062D4

 5572D4

 6A83D4

 7F93D4

 94A3D4

 AAB3D4

 BFC4D4

Harmonies

Analogous

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



0058ED



0031D4



A30097

Triad

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



0031D4



931C00



00634D

Complementary

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



0031D4



D4A300

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.



006100



0031D4



584A00

Square

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



0031D4



BA0000



005B00



00659C

Rectangle

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



0031D4



BF0064



005B00



006231

Sweetspot

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



0031D4



B3C4FF



00D4A3



525C80



000000



808080

Same Dimension

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



0031D4



003BFF



3900D4



60636B



0027AB



000A2B

Inverse Universe

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



D40031



FF003B



9BD400



6B6063



AB0027



2B000A

Previews

White Background



This preview shows how the Hex color 0031D4 looks on a white background.

Color Contrast Check

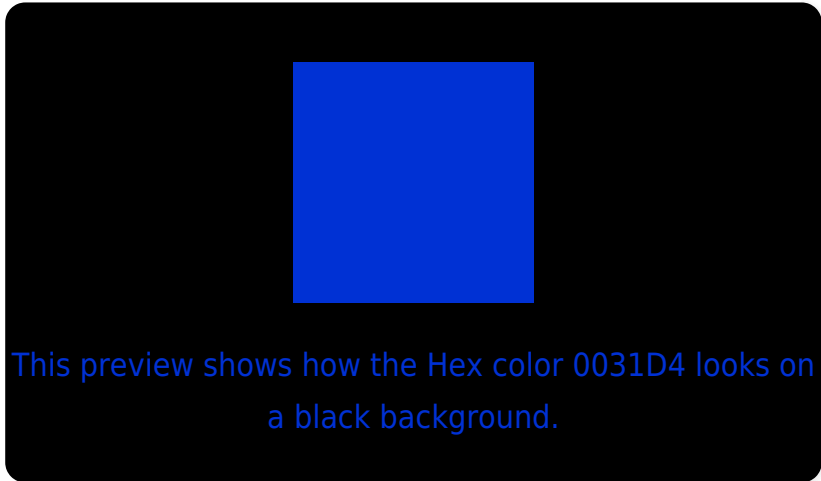
Large Text (above 18pt) WCAG AA ✓ Pass

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

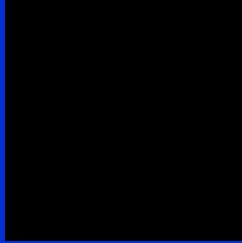
Any Text WCAG AA × Fail

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 0031D4 Background



This preview shows how black text looks on a background with the Hex color 0031D4.



This preview shows how white text looks on a background with the Hex color 0031D4.

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
0031D4

Protanopia
004897

Deuteranopia
004D80

Trichromacy



Original Color
0031D4

Protanomaly
0040AD

Deuteranomaly
00439F

Tritanomaly
004784

Monochromacy



Original Color
0031D4

Achromatopsia
353535

Achromatomaly
22346F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0031D4 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 #0031D4 looks like.

```
.text, #text, p{  
    color:#0031D4  
}
```

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 #0031D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0031D4
}
```

Border

The CSS property to change the border of an element to Hex 0031D4 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
#0031D4 }
```

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

```
.border{ border-color:#0031D4 }
```

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

Here you see how a box with a 4 pixel #0031D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0031D4; -webkit-box-shadow:4px 4px  
4px 4px #0031D4; box-shadow:4px 4px 4px  
4px #0031D4 }
```

Background

The CSS property to change the background color of an element to Hex 0031D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0031D4 }
```

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

```
.background{ background-color:#0031D4 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor