

Converting Colors

Hex(0025D8)

Have a look what the booklet for
Hex(0025D8) contains.

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Color

Hex(0025D8)

Conversions

Conversions Part 1

Format	Color
Hex	0025D8
RGB	0, 37, 216
RGB Percent	0%, 15%, 85%
CMY	1.0000, 0.8549, 0.1529
CMYK	1.00, 0.83, 0.00, 0.15
HSL	230°, 100%, 42%
HSV	230°, 100%, 85%
XYZ	13.0562, 6.2810, 65.4900
YIQ	46.3430, -79.5110, 47.8250

Conversions

Conversions Part 2

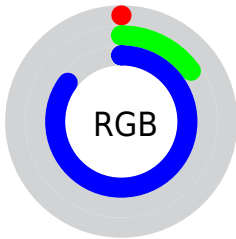
Format	Color
RYB	0, 32, 216
Decimal	9688
CIELab	30.11, 59.23, -89.32
CIElCh	30, 107.179, 303.550
Yxy	6.2810, 0.1539, 0.0740
Android (android.graphics.Color)	4278199768 (0xFF0025D8)
YUV	46.3430, 83.6409, -40.6428
Hunter-Lab	25.0619, 49.1328, -137.3888

Details

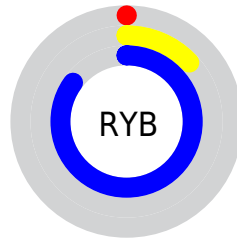
The Hex color **0025D8** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **D8B300**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **6C57FF**, and **00009F** is the 20% darker color. If you saturate the color by 10%, you get **0025D8**, and if you desaturate by 10%, it is **1637D8**.

Distribution



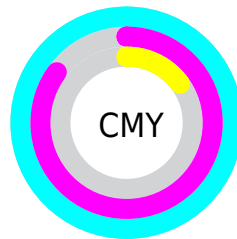
- Red (0%)
- Green (15%)
- Blue (85%)



- Red (0%)
- Yellow (13%)
- Blue (85%)



- Cyan (100%)
- Magenta (83%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (85%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0025D8 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 0025D8 by changing the saturation by 10% instead.


 0025D8

 0025D8

FFFFFF

 000ABB

 6C57FF

 00009F

 8E70FF

 000084

 AE8AFF

 00066A

 CEA5FF

 000A50

 EEC1FF

 000538

 FFDDFF

 000222

 FFFAFF

 000008

 000000

 0025D8

 1637D8

 2B49D8

 415BD8

 566DD8

 6C7ED8

 8290D8

 97A2D8

 ADB4D8

 C2C6D8

Harmonies

Analogous

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



0055F6



0025D8



A90094

Triad

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



0025D8



8E1500



006050

Complementary

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



0025D8



D8B300

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.



005D00



0025D8



4F4800

Square

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



0025D8



BA0000



005800



0062A4

Rectangle

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



0025D8



C4005D



005800



005F32

Sweetspot

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



0025D8



B3C0FF



00D8B0



525980



000000



808080

Same Dimension

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



0025D8



002CFF



4400D8



60626B



001DAB



00072B

Inverse Universe

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



D80025



FF002C



94D800



6B6062



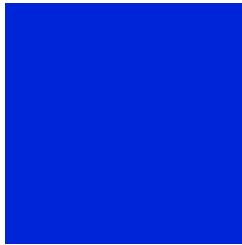
AB001D



2B0007

Previews

White Background



This preview shows how the Hex color 0025D8 looks on a white background.

Color Contrast Check

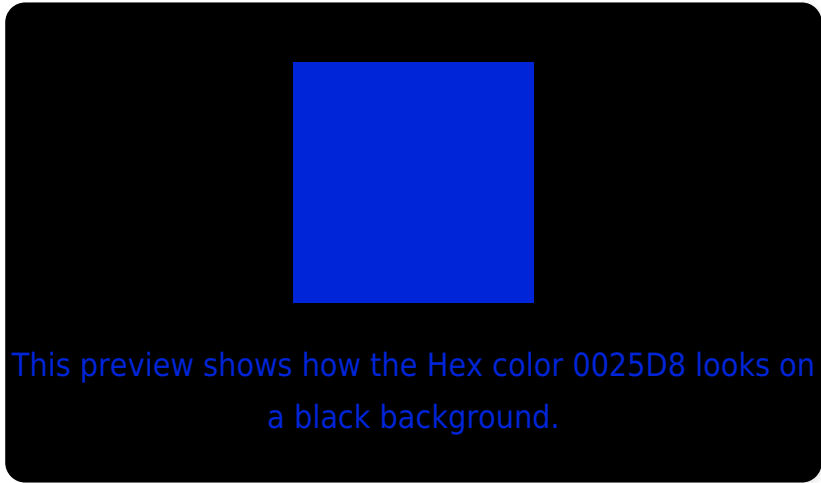
Large Text (above 18pt) WCAG AA ✓ Pass

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

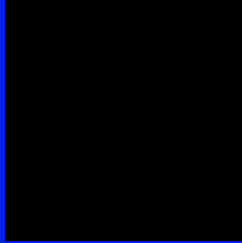
Any Text WCAG AA × Fail

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 0025D8 Background



This preview shows how black text looks on a background with the Hex color 0025D8.



This preview shows how white text looks on a background with the Hex color 0025D8.

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
0025D8

Protanopia
004590

Deuteranopia
00497A



Tritanopia
004F53

Trichromacy



Original Color
0025D8

Protanomaly
0039AA

Deuteranomaly
003C9C

Tritanomaly
004083

Monochromacy



Original Color
0025D8

Achromatopsia
2E2E2E

Achromatomaly
1D2B6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0025D8 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 #0025D8 looks like.

```
.text, #text, p{  
    color:#0025D8  
}
```

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 #0025D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0025D8
}
```

Border

The CSS property to change the border of an element to Hex 0025D8 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
#0025D8 }
```

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

```
.border{ border-color:#0025D8 }
```

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

Here you see how a box with a 4 pixel #0025D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0025D8; -webkit-box-shadow:4px 4px  
4px 4px #0025D8; box-shadow:4px 4px 4px  
4px #0025D8 }
```

Background

The CSS property to change the background color of an element to Hex 0025D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0025D8 }
```

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

```
.background{ background-color:#0025D8 }
```

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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