

Converting Colors

Hex(1017DC)

Have a look what the booklet for
Hex(1017DC) contains.

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Color

Hex(1017DC)

Conversions

Conversions Part 1

Format	Color
Hex	1017DC
RGB	16, 23, 220
RGB Percent	6%, 9%, 86%
CMY	0.9373, 0.9098, 0.1373
CMYK	0.93, 0.90, 0.00, 0.14
HSL	238°, 86%, 46%
HSV	238°, 93%, 86%
XYZ	13.4383, 5.8903, 68.1388
YIQ	43.3650, -67.4090, 59.7830

Conversions

Conversions Part 2

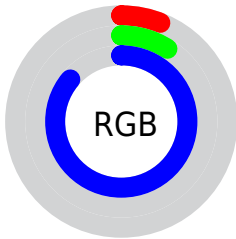
Format	Color
R _Y B	16, 23, 220
Decimal	1054684
CIE Lab	29.13, 65.94, -93.25
CIE LCh	29, 114.209, 305.263
Yxy	5.8903, 0.1536, 0.0673
Android (android.graphics.Color)	4279244764 (0xFF1017DC)
YUV	43.3650, 87.0811, -23.9991
Hunter-Lab	24.2699, 56.3642, -149.4707

Details

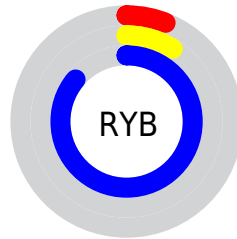
The Hex color **1017DC** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **DCD510**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **714DFF**, and **0000A3** is the 20% darker color. If you saturate the color by 10%, you get **0008DC**, and if you desaturate by 10%, it is **262CDC**.

Distribution



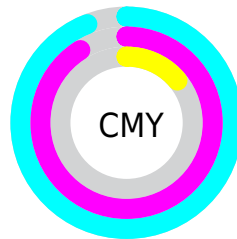
- Red (6%)
- Green (9%)
- Blue (86%)



- Red (6%)
- Yellow (9%)
- Blue (86%)



- Cyan (93%)
- Magenta (90%)
- Yellow (0%)
- Black (14%)



- Cyan (94%)
- Magenta (91%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1017DC 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 1017DC by changing the saturation by 10% instead.

■ 1017DC

■ 1017DC

FFFFFF

■ 0000BF

■ 714DFF

■ 0000A3

■ 9367FF

■ 000088

■ B382FF

■ 00056D

■ D39DFF

■ 000B54

■ F3B9FF

■ 00063C

■ FFD5FF

■ 000225

■ FFF2FF

■ 00010D

■ 000000

■ 1017DC

■ 1017DC

■ 0008DC

■ 262CDC

■ 3C41DC

■ 5257DC

■ 686CDC

■ 7E81DC

■ 9496DC

■ AAACDC

■ C0C1DC

■ D6D6DC

Harmonies

Analogous

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



0053FF



1017DC



AF0091

Triad

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



1017DC



8B1100



005E53

Complementary

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



1017DC



DCD510

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.



005B00



1017DC



474800

Square

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



1017DC



BB0000



005700



0061AD

Rectangle

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



1017DC



C90057



005700



005D34

Sweetspot

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



1017DC



B8BAFF



10DCD2



545680



000000



808080

Same Dimension

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



1017DC



0009FF



6C10DC



63636E



0006AD



00022E

Inverse Universe

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



DC1017



FF0009



80DC10



6E6363



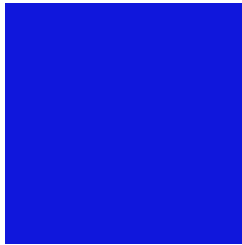
AD0006



2E0002

Previews

White Background



This preview shows how the Hex color 1017DC looks on a white background.

Color Contrast Check

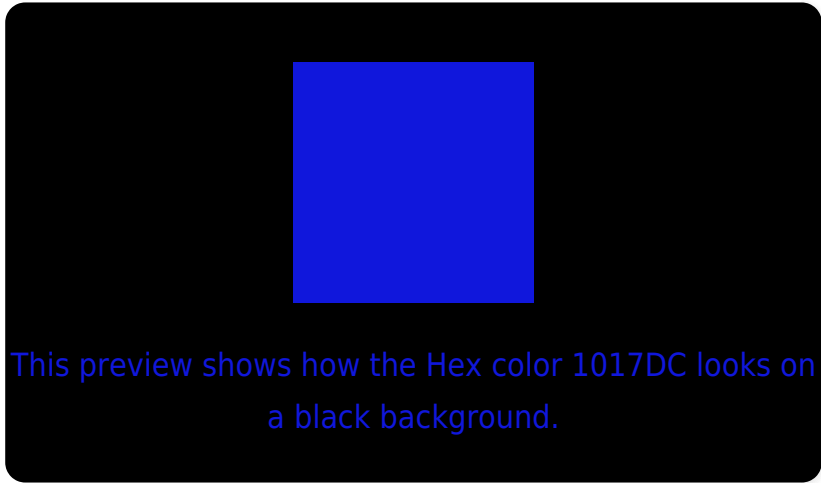
Large Text (above 18pt) WCAG AA ✓ Pass

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

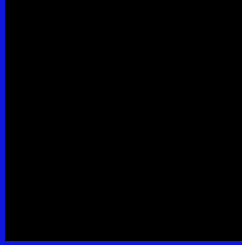
Any Text WCAG AA × Fail

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 1017DC Background



This preview shows how black text looks on a background with the Hex color 1017DC.



This preview shows how white text looks on a background with the Hex color 1017DC.

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
1017DC

Protanopia
00428B

Deuteranopia
004776

Trichromacy



Original Color
1017DC

Protanomaly
0632A8

Deuteranomaly
06369B

Tritanomaly
063983

Monochromacy



Original Color
1017DC

Achromatopsia
2B2B2B

Achromatomaly
21246B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1017DC 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 #1017DC looks like.

```
.text, #text, p{  
    color:#1017DC  
}
```

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 #1017DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1017DC
}
```

Border

The CSS property to change the border of an element to Hex 1017DC 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".

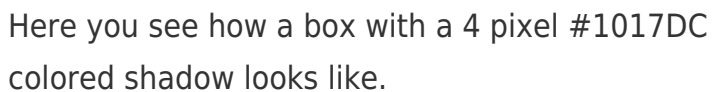
```
.border, #border, table{ border:4px solid
#1017DC }
```

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

```
.border{ border-color:#1017DC }
```

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

Here you see how a box with a 4 pixel #1017DC colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1017DC; -webkit-box-shadow:4px 4px  
4px 4px #1017DC; box-shadow:4px 4px 4px  
4px #1017DC }
```

Background

The CSS property to change the background color of an element to Hex 1017DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1017DC }
```

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

```
.background{ background-color:#1017DC }
```

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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