

Converting Colors

Hex(0D55DC)

Have a look what the booklet for
Hex(0D55DC) contains.

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Color

Hex(0D55DC)

Conversions

Conversions Part 1

Format	Color
Hex	0D55DC
RGB	13, 85, 220
RGB Percent	5%, 33%, 86%
CMY	0.9490, 0.6667, 0.1373
CMYK	0.94, 0.61, 0.00, 0.14
HSL	219°, 89%, 46%
HSV	219°, 94%, 86%
XYZ	16.3327, 11.7499, 69.1173
YIQ	78.8620, -86.2470, 26.7210

Conversions

Conversions Part 2

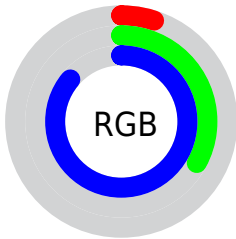
Format	Color
R _{YB}	13, 66, 220
Decimal	873948
CIE _{Lab}	40.82, 33.08, -73.93
CIE _{LCh}	41, 80.992, 294.108
Yxy	11.7499, 0.1680, 0.1209
Android (android.graphics.Color)	4279064028 (0xFF0D55DC)
YUV	78.8620, 69.5810, -57.7610
Hunter-Lab	34.2781, 25.0646, -95.5559

Details

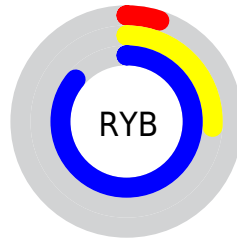
The Hex color **0D55DC** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **DC940D**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6B86FF**, and **002AA4** is the 20% darker color. If you saturate the color by 10%, you get **004DDC**, and if you desaturate by 10%, it is **2363DC**.

Distribution



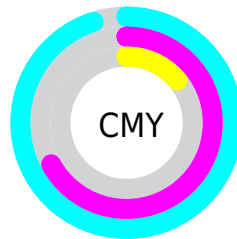
- Red (5%)
- Green (33%)
- Blue (86%)



- Red (5%)
- Yellow (26%)
- Blue (86%)



- Cyan (94%)
- Magenta (61%)
- Yellow (0%)
- Black (14%)



- Cyan (95%)
- Magenta (67%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D55DC 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 0D55DC by changing the saturation by 10% instead.

0D55DC

0D55DC

FFFFFF

003EC0

6B86FF

002AA4

8CA0FF

001789

ABBBFF

00006E

CBD7FF

000C55

EAF3FF

00063D

000226

00010F

000000

■ 0D55DC

■ 0D55DC

■ 004DDC

■ 2363DC

■ 3972DC

■ 4F80DC

■ 658EDC

■ 7B9DDC

■ 91ABDC

■ A7B9DC

■ BDC8DC

■ D3D6DC

Harmonies

Analogous

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



006EE7



0D55DC



9F23AF

Triad

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



0D55DC



B03600



007951

Complementary

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



0D55DC



DC940D

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.



007500



0D55DC



815900

Square

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



0D55DC



CB0030



416C00



007A95

Rectangle

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



0D55DC



C10086



416C00



007839

Sweetspot

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



0D55DC



B8D0FF



0DDC94



546380



000000



808080

Same Dimension

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



0D55DC



0059FF



2C0DDC



63666E



003CAD



00102E

Inverse Universe

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



DC0D55



FF0059



BDDC0D



6E6366



AD003C



2E0010

Previews

White Background



This preview shows how the Hex color 0D55DC looks on a white background.

Color Contrast Check

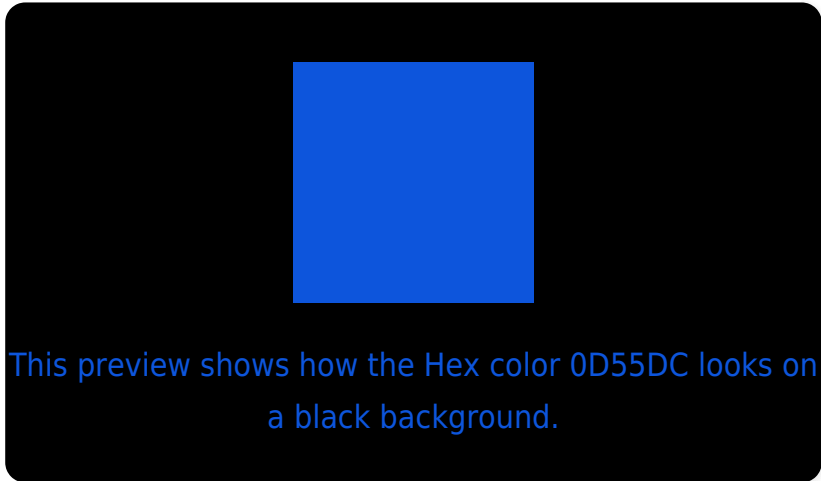
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 0D55DC Background



This preview shows how black text looks on a background with the Hex color 0D55DC.



This preview shows how white text looks on a background with the Hex color 0D55DC.

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
0D55DC

Protanopia
005CC3

Deuteranopia
0062A7



Tritanopia
006A70

Trichromacy



Original Color
0D55DC

Protanomaly
0559CC

Deuteranomaly
055DBA

Tritanomaly
056297

Monochromacy



Original Color
0D55DC

Achromatopsia
4F4F4F

Achromatomaly
375182

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D55DC 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 #0D55DC looks like.

```
.text, #text, p{  
    color:#0D55DC  
}
```

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 #0D55DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D55DC
}
```

Border

The CSS property to change the border of an element to Hex 0D55DC 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
#0D55DC }
```

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

```
.border{ border-color:#0D55DC }
```

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

Here you see how a box with a 4 pixel #0D55DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D55DC; -webkit-box-shadow:4px 4px  
4px 4px #0D55DC; box-shadow:4px 4px 4px  
4px #0D55DC }
```

Background

The CSS property to change the background color of an element to Hex 0D55DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D55DC }
```

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

```
.background{ background-color:#0D55DC }
```

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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