

Converting Colors

Hex(0D53DE)

Have a look what the booklet for
Hex(0D53DE) contains.

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Color

Hex(0D53DE)

Conversions

Conversions Part 1

Format	Color
Hex	0D53DE
RGB	13, 83, 222
RGB Percent	5%, 33%, 87%
CMY	0.9490, 0.6745, 0.1294
CMYK	0.94, 0.63, 0.00, 0.13
HSL	220°, 89%, 46%
HSV	220°, 94%, 87%
XYZ	16.4441, 11.5460, 70.4691
YIQ	77.9160, -86.3390, 28.3890

Conversions

Conversions Part 2

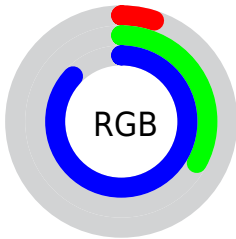
Format	Color
R _Y B	13, 65, 222
Decimal	873438
CIE Lab	40.49, 35.14, -75.61
CIE LCh	40, 83.376, 294.925
Yxy	11.5460, 0.1670, 0.1173
Android (android.graphics.Color)	4279063518 (0xFF0D53DE)
YUV	77.9160, 71.0334, -56.9313
Hunter-Lab	33.9794, 26.9196, -99.1746

Details

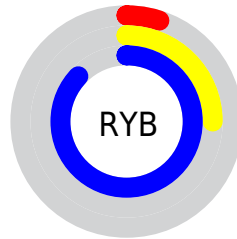
The Hex color **0D53DE** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **DE980D**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6C84FF**, and **0028A6** is the 20% darker color. If you saturate the color by 10%, you get **004ADE**, and if you desaturate by 10%, it is **2362DE**.

Distribution



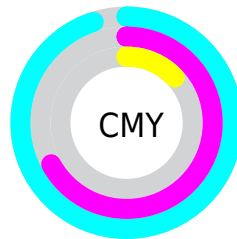
- Red (5%)
- Green (33%)
- Blue (87%)



- Red (5%)
- Yellow (25%)
- Blue (87%)



- Cyan (94%)
- Magenta (63%)
- Yellow (0%)
- Black (13%)



- Cyan (95%)
- Magenta (67%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D53DE 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 0D53DE by changing the saturation by 10% instead.

 0D53DE

 0D53DE

FFFFFF

 003CC1

 6C84FF

 0028A6

 8D9EFF

 00168A

 ACB9FF

 000070

 CCD4FF

 000C56

 EBF1FF

 00063E

 000327

 000111

 000000

■ 0D53DE

■ 0D53DE

■ 004ADE

■ 2362DE

■ 3971DE

■ 507FDE

■ 668EDE

■ 7C9DDE

■ 92ACDE

■ A8BADE

■ BFC9DE

■ D5D8DE

Harmonies

Analogous

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



006DEB



0D53DE



A21BAF

Triad

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



0D53DE



B03400



007951

Complementary

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



0D53DE



DE980D

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



0D53DE



7F5900

Square

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



0D53DE



CC002C



3C6C00



007A98

Rectangle

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



0D53DE



C30085



3C6C00



007839

Sweetspot

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



0D53DE



B8D0FF



0DDE95



546380



000000



808080

Same Dimension

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



0D53DE



0055FF



2C0DDE



656970



003BB0



001030

Inverse Universe

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



DE0D53



FF0055



BFDE0D



706569



B0003B



300010

Previews

White Background



This preview shows how the Hex color 0D53DE looks on a white background.

Color Contrast Check

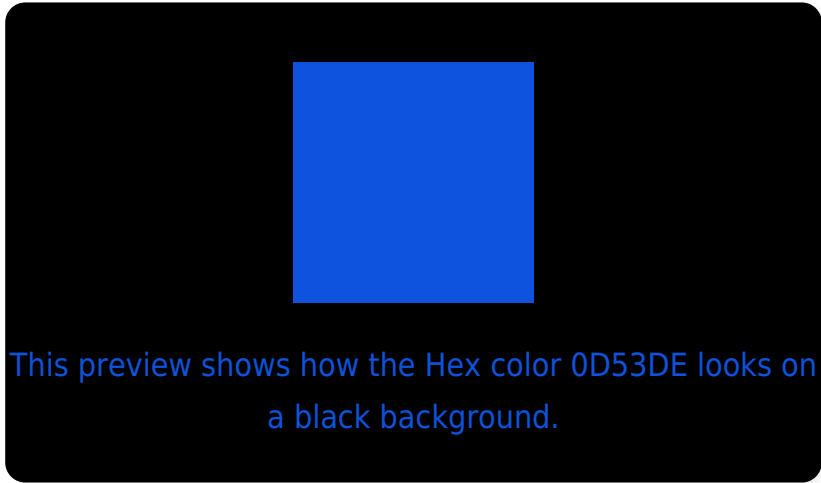
Large Text (above 18pt) WCAG AA ✓ Pass

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

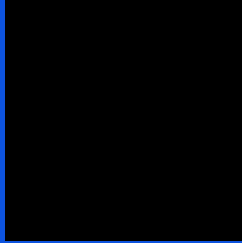
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

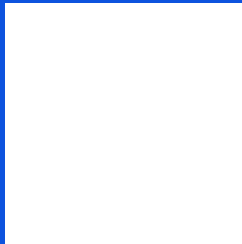
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0D53DE Background



This preview shows how black text looks on a background with the Hex color 0D53DE.



This preview shows how white text looks on a background with the Hex color 0D53DE.

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





Tritanopia
00696F

Trichromacy



Original Color
0D53DE

Protanomaly
0558CC

Deuteranomaly
055CBA

Tritanomaly
056197

Monochromacy



Original Color
0D53DE

Achromatopsia
4E4E4E

Achromatomaly
365082

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D53DE 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 #0D53DE looks like.

```
.text, #text, p{  
    color:#0D53DE  
}
```

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 #0D53DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D53DE
}
```

Border

The CSS property to change the border of an element to Hex 0D53DE 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
#0D53DE }
```

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

```
.border{ border-color:#0D53DE }
```

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

Here you see how a box with a 4 pixel #0D53DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D53DE; -webkit-box-shadow:4px 4px  
4px 4px #0D53DE; box-shadow:4px 4px 4px  
4px #0D53DE }
```

Background

The CSS property to change the background color of an element to Hex 0D53DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D53DE }
```

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

```
.background{ background-color:#0D53DE }
```

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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