

# Converting Colors

Hex(0D55AD)

Have a look what the booklet for  
Hex(0D55AD) contains.

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# Color

**Hex(0D55AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D55AD
RGB	13, 85, 173
RGB Percent	5%, 33%, 68%
CMY	0.9490, 0.6667, 0.3216
CMYK	0.92, 0.51, 0.00, 0.32
HSL	213°, 86%, 36%
HSV	213°, 92%, 68%
XYZ	10.9573, 9.5997, 40.8106
YIQ	73.5040, -71.1600, 12.1040

# Conversions

## Conversions Part 2

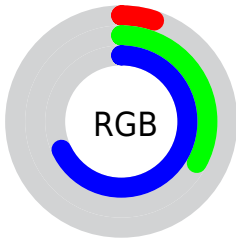
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 63, 173
Decimal	873901
CIELab	37.11, 14.41, -52.62
CIELCh	37, 54.561, 285.310
Yxy	9.5997, 0.1786, 0.1564
Android (android.graphics.Color)	4279063981 (0xFF0D55AD)
YUV	73.5040, 49.0515, -53.0620
Hunter-Lab	30.9834, 8.9058, -56.4070

# Details

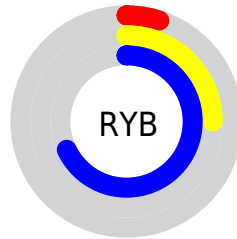
The Hex color **0D55AD** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **AD650D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5D86E5**, and **002978** is the 20% darker color. If you saturate the color by 10%, you get **004EAD**, and if you desaturate by 10%, it is **1E5FAD**.

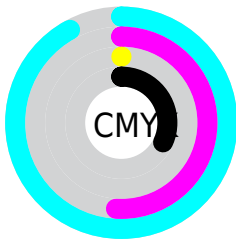
# Distribution



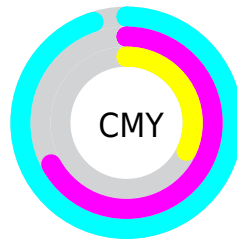
- Red (5%)
- Green (33%)
- Blue (68%)



- Red (5%)
- Yellow (25%)
- Blue (68%)



- Cyan (92%)
- Magenta (51%)
- Yellow (0%)
- Black (32%)



- Cyan (95%)
- Magenta (67%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D55AD 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 0D55AD by changing the saturation by 10% instead.



0D55AD

0D55AD

FFFFFF

003E92

5D86E5

002978

7BA0FF

00175E

99BBFF

000646

B7D6FF

00042F

D4F3FF

000119

F2FFFF

000000

0D55AD

0D55AD

004EAD

1E5FAD

■ 3068AD

■ 4172AD

■ 527BAD

■ 6485AD

■ 758EAD

■ 8698AD

■ 97A1AD

■ A9ABAD

# Harmonies

## Analogous

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



0063AD



0D55AD



754096

# Triad

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



0D55AD



983819



00693F

# Complementary

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



0D55AD



AD650D

# 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.



1C6510



0D55AD



7C4D00

# Square

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



0D55AD



A42543



555C00



006B6D

# Rectangle

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



0D55AD



91307D



555C00



006830



# Sweetspot

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



0D55AD



A2BEE0



0DAD65



4A5B70



F0F0F0



707070



# Same Dimension

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



0D55AD



0065E0



150DAD



4E5257



004496



000A17



# Inverse Universe

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



AD0D55



E00065



A5AD0D



574E52



960044



17000A



# Previews

## White Background



This preview shows how the Hex color 0D55AD looks on a white background.

## Color Contrast Check

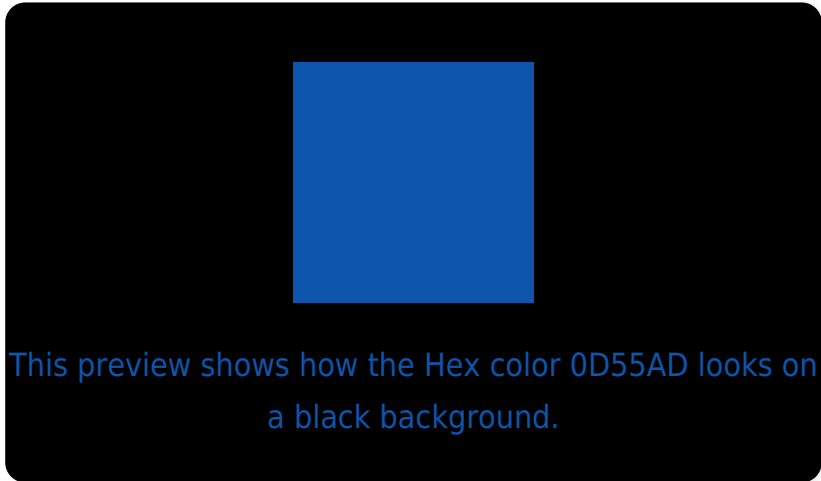
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D55AD Background



This preview shows how black text looks on a background with the Hex color 0D55AD.

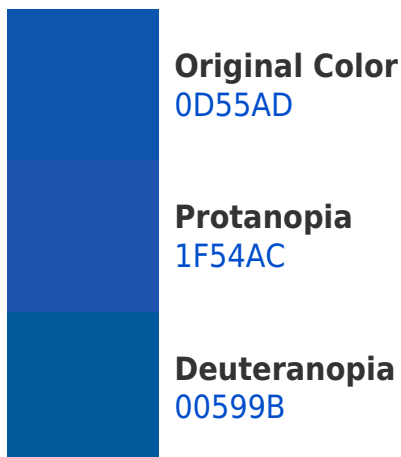


This preview shows how white text looks on a background with the Hex color 0D55AD.

# 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**  
006167

# Trichromacy



**Original Color**  
0D55AD

**Protanomaly**  
1854AC

**Deuteranomaly**  
0558A2

**Tritanomaly**  
055D80

# Monochromacy



**Original Color**  
0D55AD

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
344E6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D55AD 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 #0D55AD looks like.

```
.text, #text, p{  
    color:#0D55AD  
}
```

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 #0D55AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D55AD
}
```

## Border

The CSS property to change the border of an element to Hex 0D55AD 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
#0D55AD }
```

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

```
.border{ border-color:#0D55AD }
```

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

Here you see how a box with a 4 pixel #0D55AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D55AD; -webkit-box-shadow:4px 4px  
4px 4px #0D55AD; box-shadow:4px 4px 4px  
4px #0D55AD }
```

# Background

The CSS property to change the background color of an element to Hex 0D55AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D55AD }
```

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

```
.background{ background-color:#0D55AD }
```

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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