

# Converting Colors

Hex(0537D3)

Have a look what the booklet for  
Hex(0537D3) contains.

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# Color

**Hex(0537D3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0537D3
RGB	5, 55, 211
RGB Percent	2%, 22%, 83%
CMY	0.9804, 0.7843, 0.1725
CMYK	0.98, 0.74, 0.00, 0.17
HSL	225°, 95%, 42%
HSV	225°, 98%, 83%
XYZ	13.1866, 7.4678, 62.3744
YIQ	57.8340, -79.8760, 37.9160

# Conversions

## Conversions Part 2

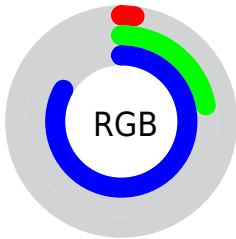
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 45, 211
Decimal	341971
CIELab	32.85, 48.29, -81.88
CIELCh	33, 95.058, 300.528
Yxy	7.4678, 0.1588, 0.0899
Android (android.graphics.Color)	4278532051 (0xFF0537D3)
YUV	57.8340, 75.5108, -46.3354
Hunter-Lab	27.3273, 38.3117, -116.2003

# Details

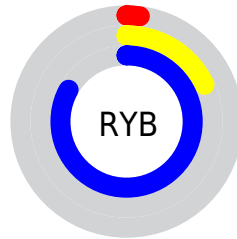
The Hex color **0537D3** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **D3A105**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **6A67FF**, and **000C9B** is the 20% darker color. If you saturate the color by 10%, you get **0033D3**, and if you desaturate by 10%, it is **1A47D3**.

# Distribution



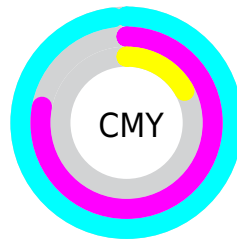
- Red (2%)
- Green (22%)
- Blue (83%)



- Red (2%)
- Yellow (18%)
- Blue (83%)



- Cyan (98%)
- Magenta (74%)
- Yellow (0%)
- Black (17%)



- Cyan (98%)
- Magenta (78%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0537D3 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 0537D3 by changing the saturation by 10% instead.



 0537D3

 0537D3

FFFFFF

 0021B7

 6A67FF

 000C9B

 8B80FF

 000080

 AA9AFF

 000366

 CAB6FF

 00094D

 E9D1FF

 000535

 FFEEFF

 00021F

 000001

 000000

■ 0537D3

■ 0537D3

■ 0033D3

■ 1A47D3

■ 2F57D3

■ 4467D3

■ 5977D3

■ 6F87D3

■ 8497D3

■ 99A7D3

■ AEB7D3

■ C3C7D3

# Harmonies

## Analogous

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



005AE9



0537D3



A10099

# Triad

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



0537D3



962000



00664D

# Complementary

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



0537D3



D3A105

# 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.



006300



0537D3



5E4C00

# Square

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



0537D3



BB0005



005D00



006899

# Rectangle

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



0537D3



BE0069



005D00



006532



# Sweetspot

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



0537D3



B5C7FF



05D39F



535E80



000000



808080



# Same Dimension

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



0537D3



003EFF



3905D3



5E6169



0029A8



000A29



# Inverse Universe

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



D30537



FF003E



9FD305



695E61



A80029



29000A



# Previews

## White Background



This preview shows how the Hex color 0537D3 looks on a white background.

## Color Contrast Check

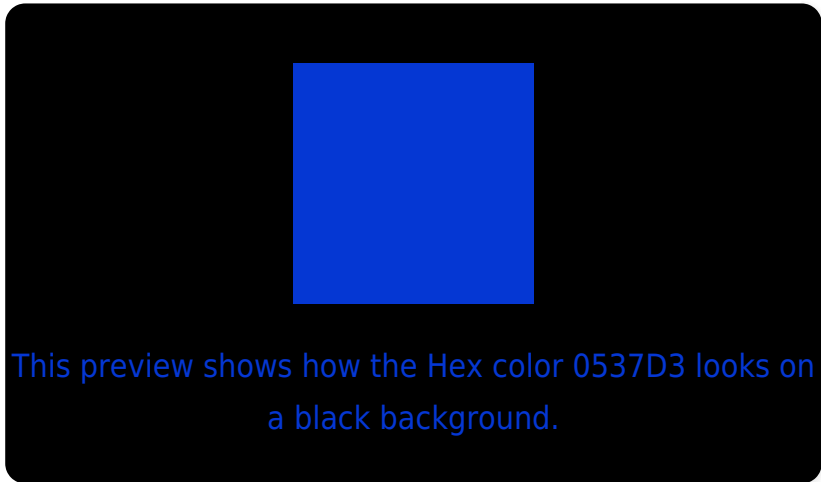
Large Text (above 18pt) WCAG AA ✓ Pass

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

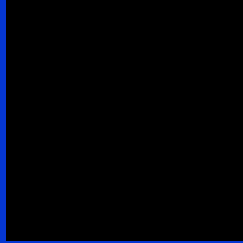
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0537D3 Background



This preview shows how black text looks on a background with the Hex color 0537D3.



This preview shows how white text looks on a background with the Hex color 0537D3.

# 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





# Trichromacy



**Original Color**  
0537D3

**Protanomaly**  
0243B0

**Deuteranomaly**  
0246A1

**Tritanomaly**  
024B86

# Monochromacy



**Original Color**  
0537D3

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
273972

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0537D3 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 #0537D3 looks like.

```
.text, #text, p{  
    color:#0537D3  
}
```

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 #0537D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0537D3
}
```

## Border

The CSS property to change the border of an element to Hex 0537D3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

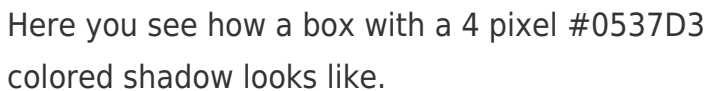
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0537D3 }
```

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

```
.border{ border-color:#0537D3 }
```

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



Here you see how a box with a 4 pixel #0537D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0537D3; -webkit-box-shadow:4px 4px  
4px 4px #0537D3; box-shadow:4px 4px 4px  
4px #0537D3 }
```

# Background

The CSS property to change the background color of an element to Hex 0537D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0537D3 }
```

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

```
.background{ background-color:#0537D3 }
```

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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