

Converting Colors

Hex(5073DD)

Have a look what the booklet for
Hex(5073DD) contains.

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Color

Hex(5073DD)

Conversions

Conversions Part 1

Format	Color
Hex	5073DD
RGB	80, 115, 221
RGB Percent	31%, 45%, 87%
CMY	0.6863, 0.5490, 0.1333
CMYK	0.64, 0.48, 0.00, 0.13
HSL	225°, 67%, 59%
HSV	225°, 64%, 87%
XYZ	22.4901, 19.1874, 70.9248
YIQ	116.6190, -54.8860, 25.5460

Conversions

Conversions Part 2

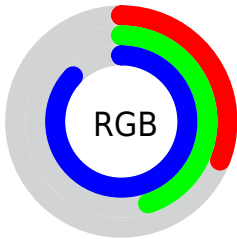
Format	Color
R_{YB}	80, 108, 221
Decimal	5272541
CIE _{Lab}	50.91, 20.87, -58.02
CIE _{LCh}	51, 61.656, 289.786
Y _{xy}	19.1874, 0.1997, 0.1704
Android (android.graphics.Color)	4283462621 (0xFF5073DD)
Y _{UV}	116.6190, 51.4598, -32.1149
Hunter-Lab	43.8034, 14.9919, -65.3377

Details

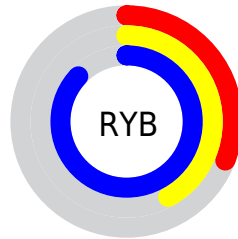
The Hex color **5073DD** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **DDBA50**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **8DA6FF**, and **0044A5** is the 20% darker color. If you saturate the color by 10%, you get **3A62DD**, and if you desaturate by 10%, it is **6684DD**.

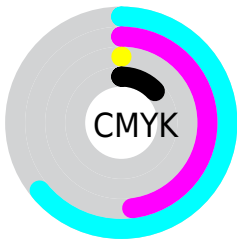
Distribution



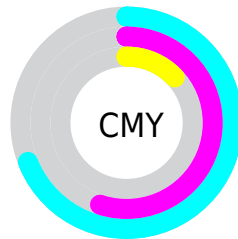
- Red (31%)
- Green (45%)
- Blue (87%)



- Red (31%)
- Yellow (42%)
- Blue (87%)



- Cyan (64%)
- Magenta (48%)
- Yellow (0%)
- Black (13%)



- Cyan (69%)
- Magenta (55%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5073DD 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 5073DD by changing the saturation by 10% instead.

■ 5073DD

■ 5073DD

FFFFFF

■ 2C5BC1

■ 8DA6FF

■ 0044A5

■ ABC2FF

■ 002E8A

■ C9DDFF

■ 001B70

■ E7FAFF

■ 000057

■ 00063F

■ 000328

■ 000111

■ 000000

■ 5073DD

■ 5073DD

■ 3A62DD

■ 6684DD

■ 2452DD

■ 7C94DD

■ 0E41DD

■ 92A5DD

■ 0037DD

■ A8B5DD

■ BFC6DD

■ D5D7DD

■ EBE7DD

■ FFF8DD

■ FFFFDD

Harmonies

Analogous

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



0085E1



5073DD



A65ABE

Triad

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



5073DD



C45A28



009065

Complementary

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



5073DD



DDBA50

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.



298B2F



5073DD



A17000

Square

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



5073DD



D64459



718100



00919B

Rectangle

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



5073DD



C44A9F



718100



008F53

Sweetspot

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



5073DD



CFDBFF



50DDBA



626980



000000



808080

Same Dimension

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



5073DD



3B6BFF



7350DD



63656E



002BAD



000B2E

Inverse Universe

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



DD5073



FF3B6B



BADD50



6E6365



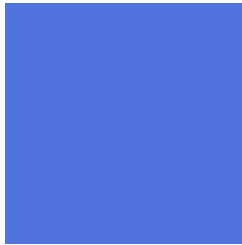
AD002B



2E000B

Previews

White Background



This preview shows how the Hex color 5073DD looks on a white background.

Color Contrast Check

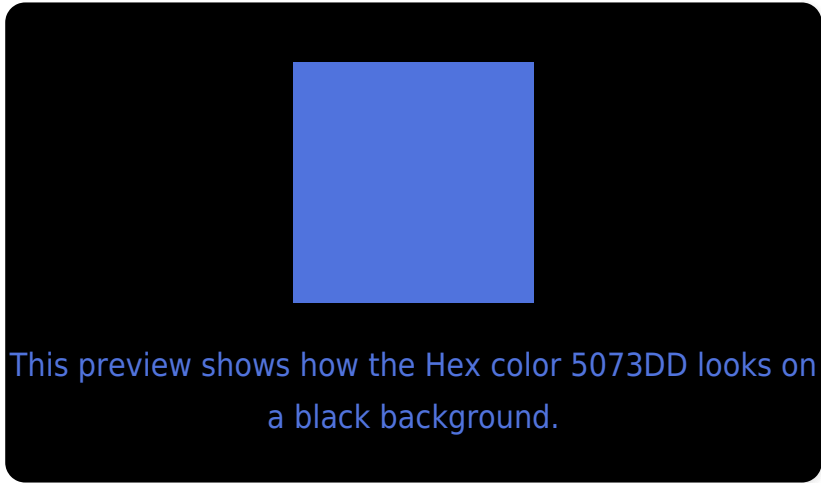
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

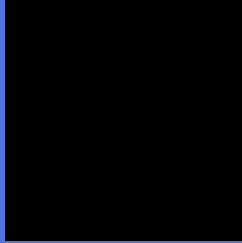
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 5073DD Background



This preview shows how black text looks on a background with the Hex color 5073DD.

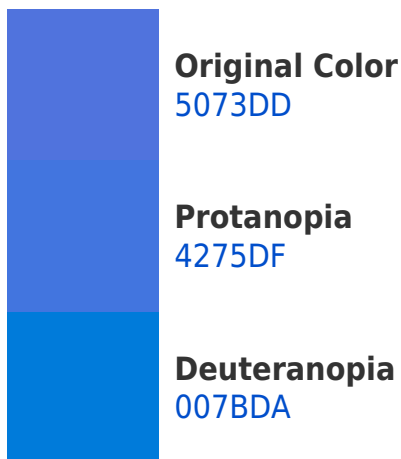


This preview shows how white text looks on a background with the Hex color 5073DD.

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](#).

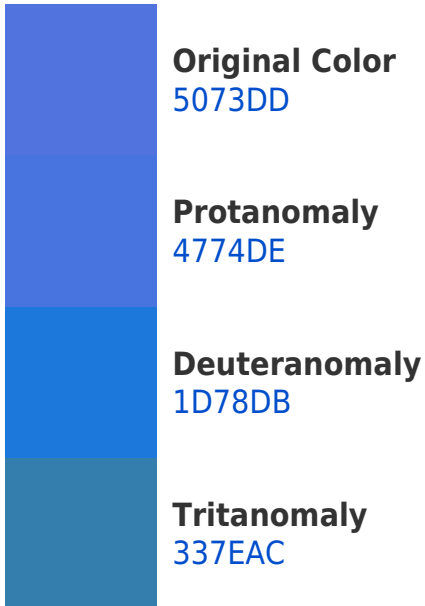
Dichromacy



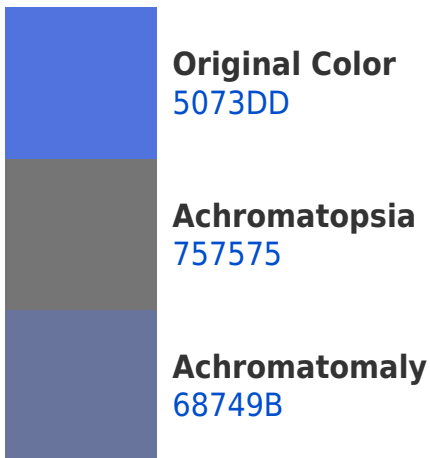


Tritanopia
238590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5073DD 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 #5073DD looks like.

```
.text, #text, p{  
    color:#5073DD  
}
```

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 #5073DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5073DD
}
```

Border

The CSS property to change the border of an element to Hex 5073DD 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
#5073DD }
```

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

```
.border{ border-color:#5073DD }
```

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

Here you see how a box with a 4 pixel #5073DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5073DD; -webkit-box-shadow:4px 4px  
4px 4px #5073DD; box-shadow:4px 4px 4px  
4px #5073DD }
```

Background

The CSS property to change the background color of an element to Hex 5073DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5073DD }
```

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

```
.background{ background-color:#5073DD }
```

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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