

Converting Colors

Hex(5455DC)

Have a look what the booklet for
Hex(5455DC) contains.

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Color

Hex(5455DC)

Conversions

Conversions Part 1

Format	Color
Hex	5455DC
RGB	84, 85, 220
RGB Percent	33%, 33%, 86%
CMY	0.6706, 0.6667, 0.1373
CMYK	0.62, 0.61, 0.00, 0.14
HSL	240°, 66%, 60%
HSV	240°, 62%, 86%
XYZ	19.8229, 13.5491, 69.2806
YIQ	100.0910, -43.9310, 41.7730

Conversions

Conversions Part 2

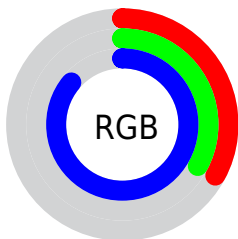
Format	Color
R_{YB}	84, 85, 220
Decimal	5527004
CIE _{Lab}	43.58, 39.71, -69.30
CIE _{LCh}	44, 79.868, 299.813
Yxy	13.5491, 0.1931, 0.1320
Android (android.graphics.Color)	4283717084 (0xFF5455DC)
YUV	100.0910, 59.1151, -14.1118
Hunter-Lab	36.8091, 31.7121, -85.8268

Details

The Hex color **5455DC** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **DCDB54**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **9287FF**, and **0027A4** is the 20% darker color. If you saturate the color by 10%, you get **3E3FDC**, and if you desaturate by 10%, it is **6A6BDC**.

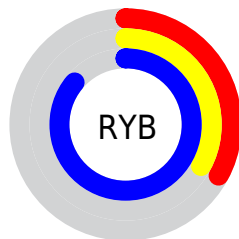
Distribution



Red (33%)

Green (33%)

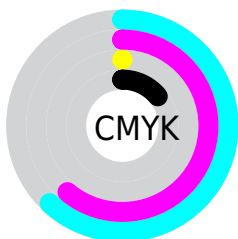
Blue (86%)



Red (33%)

Yellow (33%)

Blue (86%)

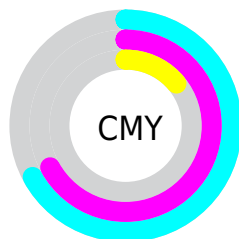


Cyan (62%)

Magenta (61%)

Yellow (0%)

Black (14%)



Cyan (67%)

Magenta (67%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5455DC 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 5455DC by changing the saturation by 10% instead.

■ 5455DC

■ 5455DC

FFFFFF

■ 303EC0

■ 9287FF

■ 0027A4

■ B0A1FF

■ 001389

■ CEBDFF

■ 00006F

■ EDD8FF

■ 000255

■ FFF5FF

■ 00063D

■ 000326

■ 00010F

■ 000000

■ 5455DC

■ 5455DC

■ 3E3FDC

■ 6A6BDC

■ 2829DC

■ 8081DC

■ 1213DC

■ 9697DC

■ 0002DC

■ ACACDC

■ C2C2DC

■ D8D8DC

■ EEEEDC

■ FFFFDC

Harmonies

Analogous

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



0071EE



5455DC



B222AB

Triad

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



5455DC



B04600



008165

Complementary

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



5455DC



DCDB54

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.



007D1A



5455DC



7E6500

Square

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



5455DC



D0002A



3A7500



0082A8

Rectangle

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



5455DC



CD0081



3A7500



00804D

Sweetspot

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



5455DC



CFCFFF



54DCDA



626280



000000



808080

Same Dimension

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



5455DC



4244FF



9654DC



63636E



0001AD



00002E

Inverse Universe

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



DC5455



FF4244



9ADC54



6E6363



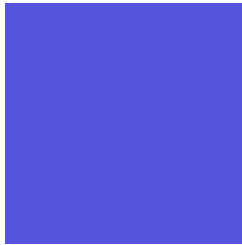
AD0001



2E0000

Previews

White Background



This preview shows how the Hex color 5455DC looks on a white background.

Color Contrast Check

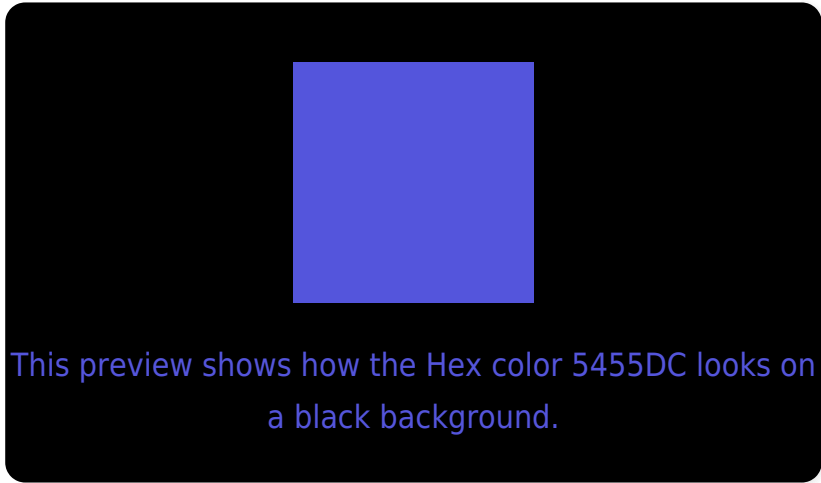
Large Text (above 18pt) WCAG AA ✓ Pass

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

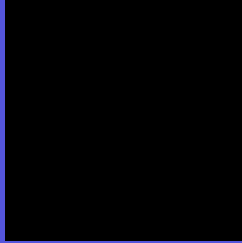
Any Text WCAG AA × Fail

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 5455DC Background



This preview shows how black text looks on a background with the Hex color 5455DC.

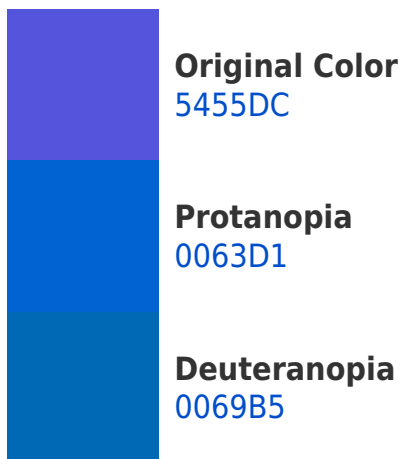


This preview shows how white text looks on a background with the Hex color 5455DC.

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](#).

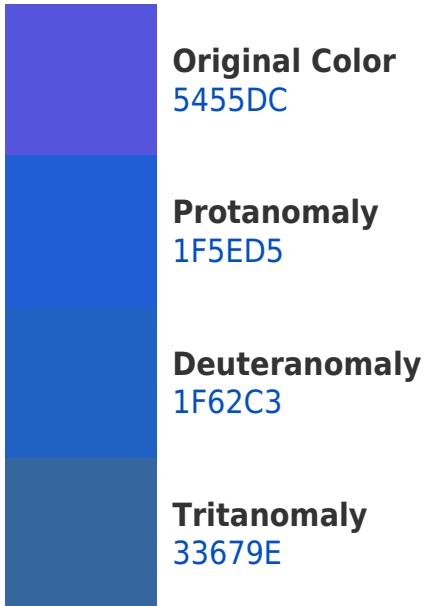
Dichromacy





Tritanopia
20717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5455DC 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 #5455DC looks like.

```
.text, #text, p{  
    color:#5455DC  
}
```

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 #5455DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5455DC  
}
```

Border

The CSS property to change the border of an element to Hex 5455DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

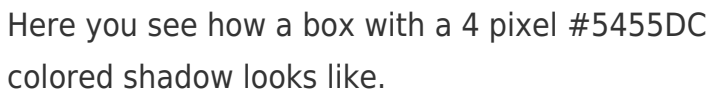
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5455DC }
```

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

```
.border{ border-color:#5455DC }
```

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



Here you see how a box with a 4 pixel #5455DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5455DC; -webkit-box-shadow:4px 4px  
4px 4px #5455DC; box-shadow:4px 4px 4px  
4px #5455DC }
```

Background

The CSS property to change the background color of an element to Hex 5455DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5455DC }
```

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

```
.background{ background-color:#5455DC }
```

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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