

Converting Colors

Hex(4553CF)

Have a look what the booklet for
Hex(4553CF) contains.

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Color

Hex(4553CF)

Conversions

Conversions Part 1

Format	Color
Hex	4553CF
RGB	69, 83, 207
RGB Percent	27%, 33%, 81%
CMY	0.7294, 0.6745, 0.1882
CMYK	0.67, 0.60, 0.00, 0.19
HSL	234°, 59%, 54%
HSV	234°, 67%, 81%
XYZ	16.8100, 11.9567, 60.4534
YIQ	92.9500, -48.1480, 35.5960

Conversions

Conversions Part 2

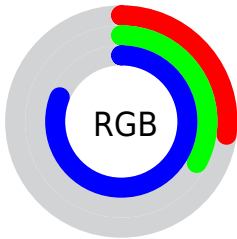
Format	Color
R _Y B	69, 82, 207
Decimal	4543439
CIE Lab	41.15, 34.34, -65.85
CIE LCh	41, 74.265, 297.538
Yxy	11.9567, 0.1884, 0.1340
Android (android.graphics.Color)	4282733519 (0xFF4553CF)
YUV	92.9500, 56.2266, -21.0042
Hunter-Lab	34.5785, 26.2636, -79.4514

Details

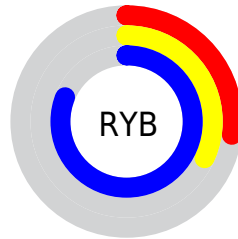
The Hex color **4553CF** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **CFC145**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8484FF**, and **002698** is the 20% darker color. If you saturate the color by 10%, you get **3040CF**, and if you desaturate by 10%, it is **5A66CF**.

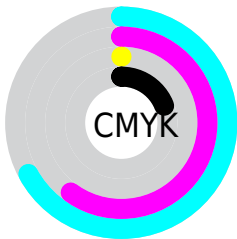
Distribution



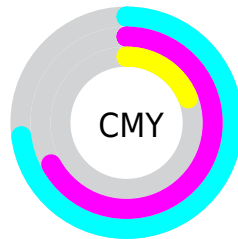
- Red (27%)
- Green (33%)
- Blue (81%)



- Red (27%)
- Yellow (32%)
- Blue (81%)



- Cyan (67%)
- Magenta (60%)
- Yellow (0%)
- Black (19%)



- Cyan (73%)
- Magenta (67%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4553CF 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 4553CF by changing the saturation by 10% instead.

 4553CF

 4553CF

FFFFFF

 1B3CB3

 8484FF

 002698

 A29FFF

 00137D

 C0BAFF

 000063

 DED5FF

 00094A

 FCF2FF

 000433

 00021D

 000000

 4553CF

 4553CF

■ 3040CF

■ 5A66CF

■ 1C2ECF

■ 6E78CF

■ 071BCF

■ 838BCF

■ 0015CF

■ 989DCF

■ ACB0CF

■ C1C3CF

■ D6D5CF

■ EBE8CF

■ FFFACF

Harmonies

Analogous

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



006BDD



4553CF



A229A4

Triad

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



4553CF



A84000



00795A

Complementary

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



4553CF



CFC145

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.



007615



4553CF



7B5D00

Square

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



4553CF



C3052D



3F6D00



007A98

Rectangle

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



4553CF



BE007D



3F6D00



007844

Sweetspot

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



4553CF



CCD1FF



45CFBF



616480



000000



808080

Same Dimension

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



4553CF



3348FF



7A45CF



5E5F69



0011A8



000429

Inverse Universe

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



CF4553



FF3348



9ACF45



695E5F



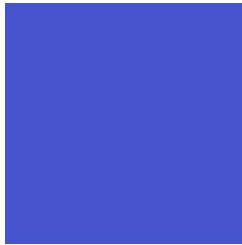
A80011



290004

Previews

White Background



This preview shows how the Hex color 4553CF looks on a white background.

Color Contrast Check

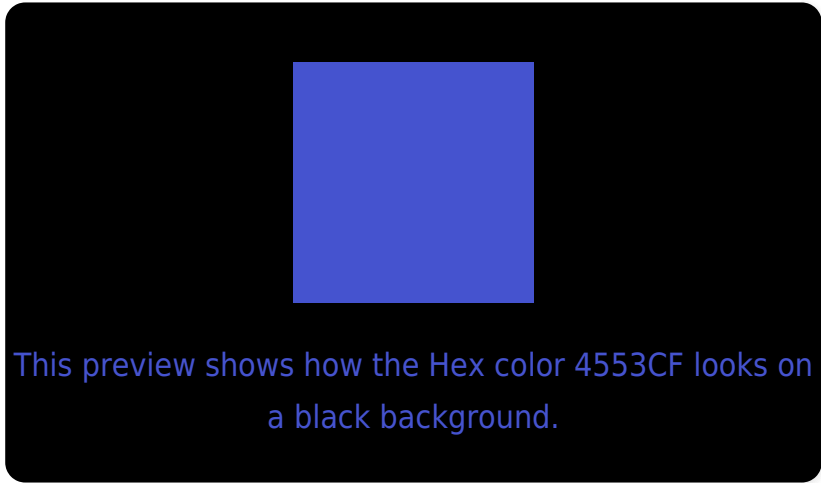
Large Text (above 18pt) WCAG AA ✓ Pass

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

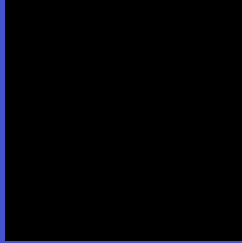
Any Text WCAG AA × Fail

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 4553CF Background



This preview shows how black text looks on a background with the Hex color 4553CF.

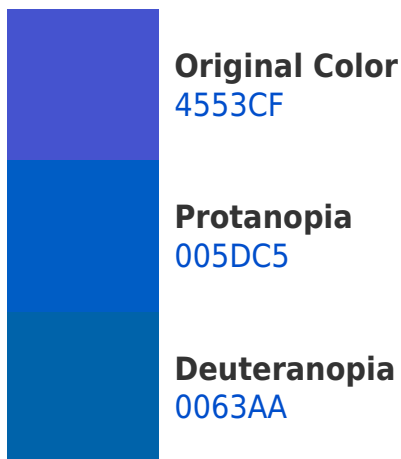


This preview shows how white text looks on a background with the Hex color 4553CF.

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](#).

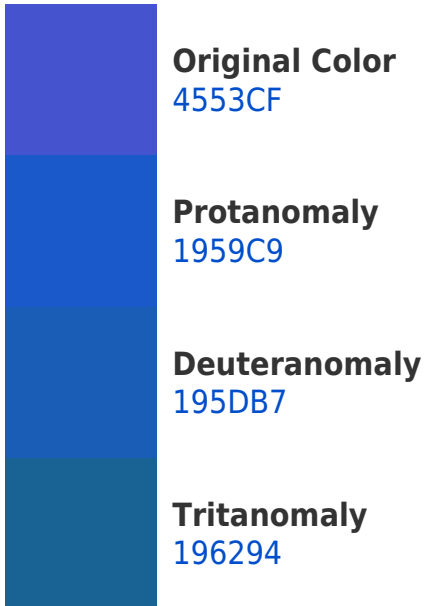
Dichromacy





Tritanopia
006B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4553CF 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 #4553CF looks like.

```
.text, #text, p{  
    color:#4553CF  
}
```

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 #4553CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4553CF
}
```

Border

The CSS property to change the border of an element to Hex 4553CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

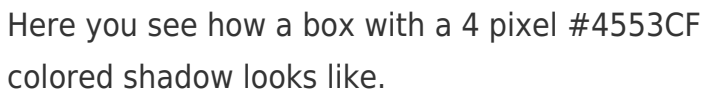
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4553CF }
```

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

```
.border{ border-color:#4553CF }
```

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



Here you see how a box with a 4 pixel #4553CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4553CF; -webkit-box-shadow:4px 4px  
4px 4px #4553CF; box-shadow:4px 4px 4px  
4px #4553CF }
```

Background

The CSS property to change the background color of an element to Hex 4553CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4553CF }
```

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

```
.background{ background-color:#4553CF }
```

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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