

Converting Colors

Hex(4474D5)

Have a look what the booklet for
Hex(4474D5) contains.

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Color

Hex(4474D5)

Conversions

Conversions Part 1

Format	Color
Hex	4474D5
RGB	68, 116, 213
RGB Percent	27%, 45%, 84%
CMY	0.7333, 0.5451, 0.1647
CMYK	0.68, 0.46, 0.00, 0.16
HSL	220°, 63%, 55%
HSV	220°, 68%, 84%
XYZ	20.6395, 18.5238, 65.4384
YIQ	112.7060, -59.7450, 19.9910

Conversions

Conversions Part 2

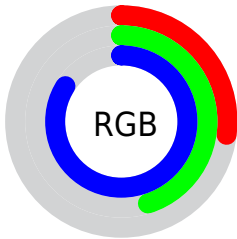
Format	Color
R_{YB}	68, 104, 213
Decimal	4486357
CIE _{Lab}	50.13, 15.51, -54.77
CIE _{LCh}	50, 56.924, 285.810
Yxy	18.5238, 0.1973, 0.1771
Android (android.graphics.Color)	4282676437 (0xFF4474D5)
YUV	112.7060, 49.4449, -39.2072
Hunter-Lab	43.0393, 10.2810, -60.0190

Details

The Hex color **4474D5** 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 **D5A544**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **83A8FF**, and **00459E** is the 20% darker color. If you saturate the color by 10%, you get **2F66D5**, and if you desaturate by 10%, it is **5982D5**.

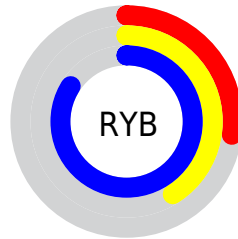
Distribution



Red (27%)

Green (45%)

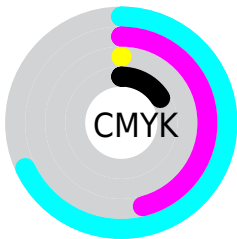
Blue (84%)



Red (27%)

Yellow (41%)

Blue (84%)

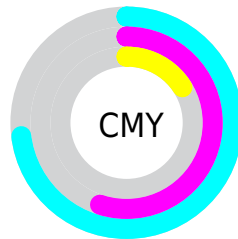


Cyan (68%)

Magenta (46%)

Yellow (0%)

Black (16%)



Cyan (73%)

Magenta (55%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4474D5 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 4474D5 by changing the saturation by 10% instead.

■ 4474D5

■ 4474D5

FFFFFF

■ 1A5CB9

■ 83A8FF

■ 00459E

■ A1C3FF

■ 002F83

■ BEDEFF

■ 001C69

■ DCFBFF

■ 000050

■ FBFFFF

■ 000538

■ 000222

■ 000008

■ 000000

■ 4474D5

■ 4474D5

■ 2F66D5

■ 5982D5

■ 1958D5

■ 6F90D5

■ 0449D5

■ 849FD5

■ 0047D5

■ 99ADD5

■ AFBBD5

■ C4C9D5

■ D9D8D5

■ EEE6D5

■ FFF4D5

Harmonies

Analogous

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



0083D5



4474D5



9A5EBB

Triad

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



4474D5



C15833



008C5E

Complementary

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



4474D5



D5A544

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.



3D872E



4474D5



A26D09

Square

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



4474D5



CE4760



777D01



008E90

Rectangle

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



4474D5



B850A0



777D01



008B4D

Sweetspot

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



4474D5



CCDDFF



44D5A5



616B80



000000



808080

Same Dimension

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



4474D5



2E73FF



5C44D5



60646B



0039AB



000E2B

Inverse Universe

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



D54474



FF2E73



BDD544



6B6064



AB0039



2B000E

Previews

White Background



This preview shows how the Hex color 4474D5 looks on a white background.

Color Contrast Check

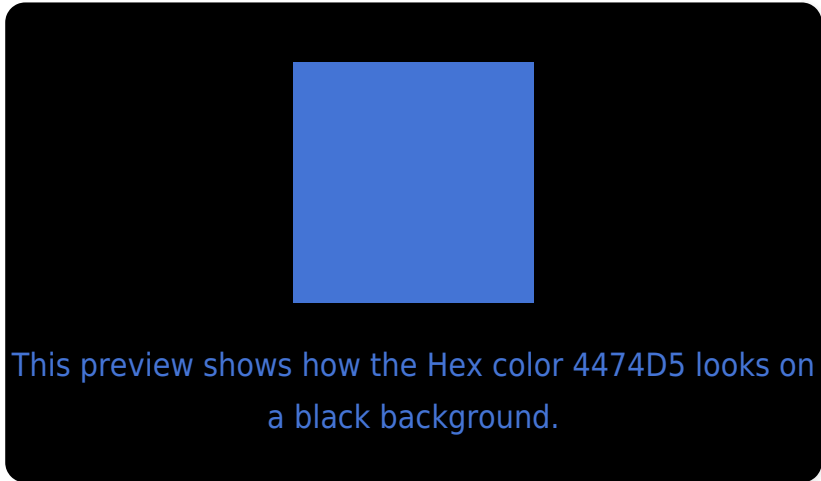
Large Text (above 18pt) WCAG AA ✓ Pass

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

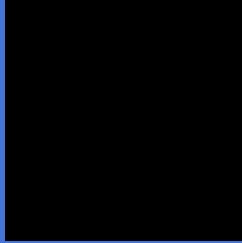
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

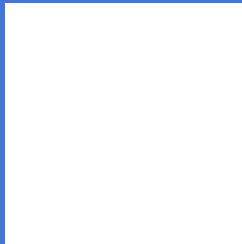
Any Text WCAG AAA × Fail

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

Hex 4474D5 Background



This preview shows how black text looks on a background with the Hex color 4474D5.

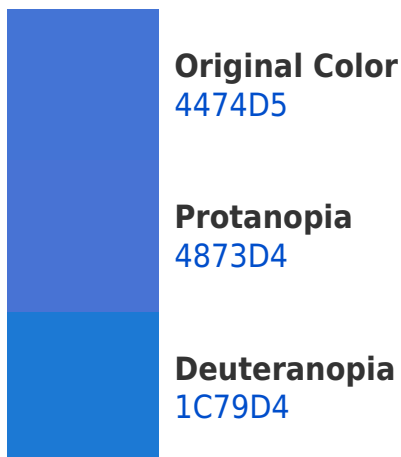


This preview shows how white text looks on a background with the Hex color 4474D5.

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](#).

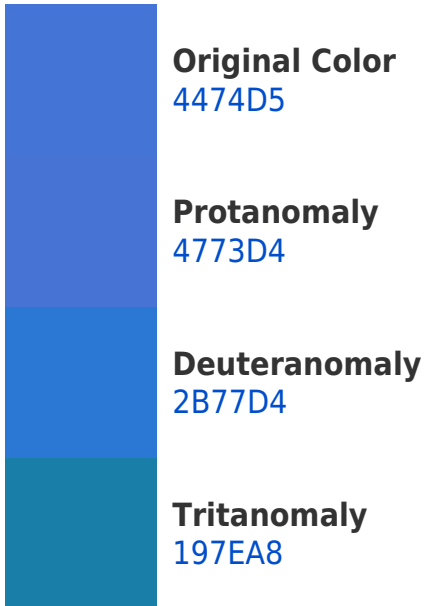
Dichromacy



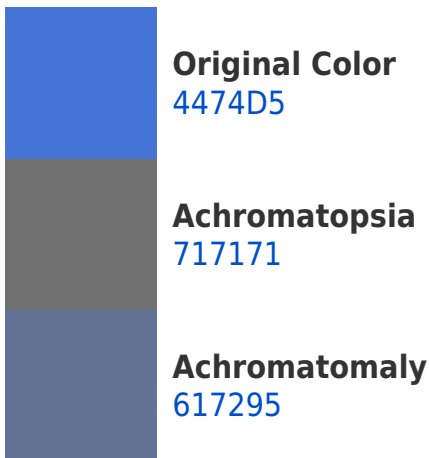


Tritanopia
00848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4474D5 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 #4474D5 looks like.

```
.text, #text, p{  
    color:#4474D5  
}
```

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 #4474D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4474D5
}
```

Border

The CSS property to change the border of an element to Hex 4474D5 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
#4474D5 }
```

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

```
.border{ border-color:#4474D5 }
```

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

Here you see how a box with a 4 pixel #4474D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4474D5; -webkit-box-shadow:4px 4px  
4px 4px #4474D5; box-shadow:4px 4px 4px  
4px #4474D5 }
```

Background

The CSS property to change the background color of an element to Hex 4474D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4474D5 }
```

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

```
.background{ background-color:#4474D5 }
```

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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