

Converting Colors

Hex(0455AB)

Have a look what the booklet for
Hex(0455AB) contains.

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Color

Hex(0455AB)

Conversions

Conversions Part 1

Format	Color
Hex	0455AB
RGB	4, 85, 171
RGB Percent	2%, 33%, 67%
CMY	0.9843, 0.6667, 0.3294
CMYK	0.98, 0.50, 0.00, 0.33
HSL	211°, 95%, 34%
HSV	211°, 98%, 67%
XYZ	10.6493, 9.4631, 39.7934
YIQ	70.5850, -75.8820, 9.5740

Conversions

Conversions Part 2

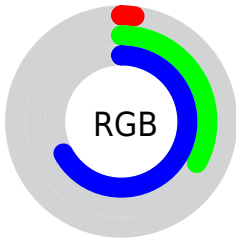
Format	Color
R_{YB}	4, 59, 171
Decimal	284075
CIE _{Lab}	36.86, 13.20, -51.85
CIE _{LCh}	37, 53.505, 284.277
Yxy	9.4631, 0.1778, 0.1580
Android (android.graphics.Color)	4278474155 (0xFF0455AB)
YUV	70.5850, 49.5046, -58.3950
Hunter-Lab	30.7621, 7.9595, -55.1630

Details

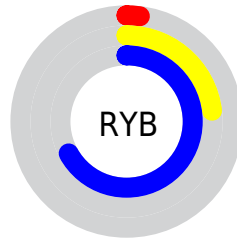
The Hex color **0455AB** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **AB5A04**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **5A86E3**, and **002976** is the 20% darker color. If you saturate the color by 10%, you get **0053AB**, and if you desaturate by 10%, it is **155EAB**.

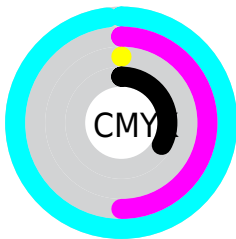
Distribution



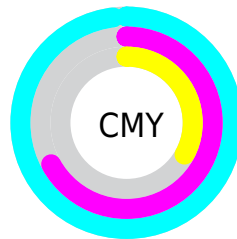
- Red (2%)
- Green (33%)
- Blue (67%)



- Red (2%)
- Yellow (23%)
- Blue (67%)



- Cyan (98%)
- Magenta (50%)
- Yellow (0%)
- Black (33%)



- Cyan (98%)
- Magenta (67%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0455AB 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 0455AB by changing the saturation by 10% instead.

0455AB

0455AB

FFFFFF

003E90

5A86E3

002976

79A0FF

00165D

96BBFF

000844

B4D6FF

00032D

D2F3FF

000117

F0FFFF

000000

0455AB

0455AB

0053AB

155EAB

■ 2667AB

■ 376FAB

■ 4878AB

■ 5A81AB

■ 6B8AAB

■ 7C93AB

■ 8D9BAB

■ 9EA4AB

Harmonies

Analogous

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



0062AA



0455AB



724195

Triad

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



0455AB



97381B



00683E

Complementary

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



0455AB



AB5A04

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.



21640F



0455AB



7C4C00

Square

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



0455AB



A22644



565B00



006A6B

Rectangle

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



0455AB



8E317D



565B00



00672F

Sweetspot

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



0455AB



9EBDDE



04AB58



495C70



F0F0F0



707070

Same Dimension

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



0455AB



006CDE



0404AB



4E5257



004996



000B17

Inverse Universe

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



AB0455



DE006C



ABAB04



574E52



960049



17000B

Previews

White Background



This preview shows how the Hex color 0455AB looks on a white background.

Color Contrast Check

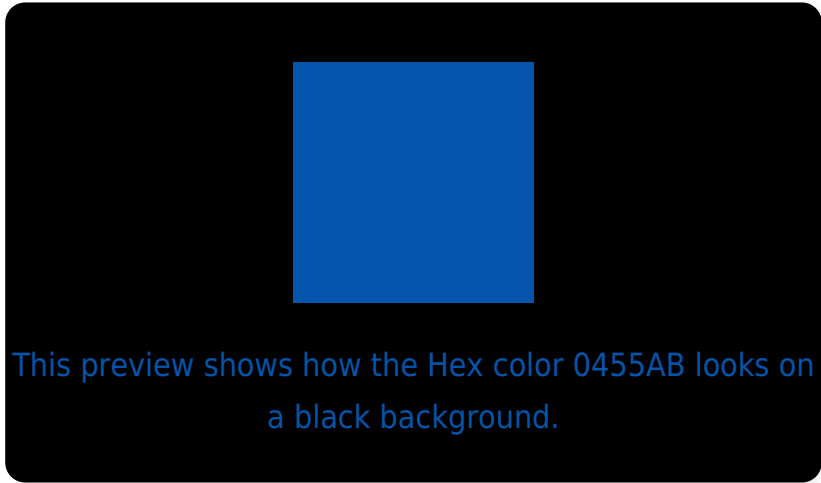
Large Text (above 18pt) WCAG AA ✓ Pass

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

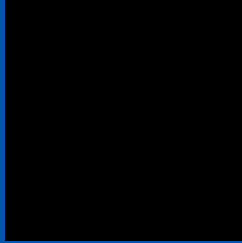
Any Text WCAG AA × Fail

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 0455AB Background



This preview shows how black text looks on a background with the Hex color 0455AB.

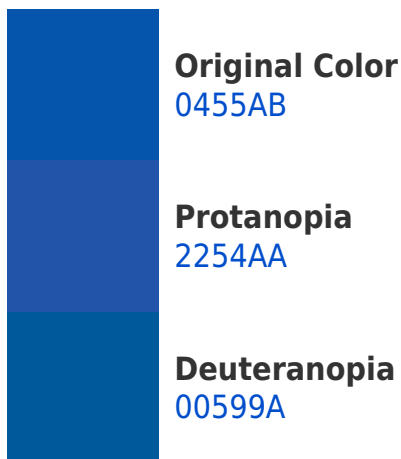


This preview shows how white text looks on a background with the Hex color 0455AB.

Color Blindness Simulation

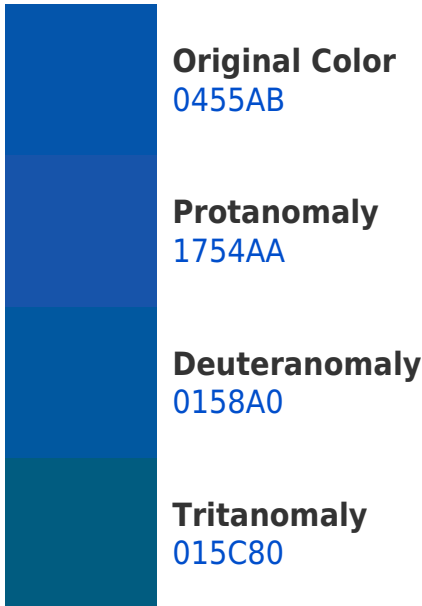
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

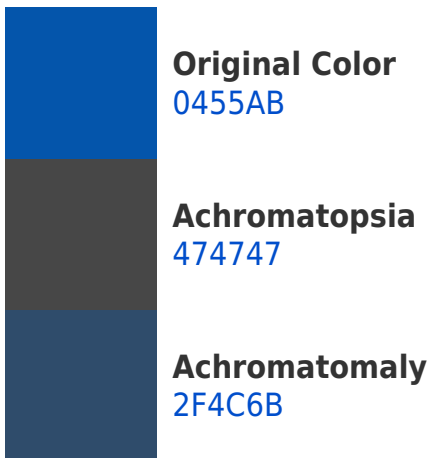




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0455AB 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 #0455AB looks like.

```
.text, #text, p{  
    color:#0455AB  
}
```

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 #0455AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0455AB
}
```

Border

The CSS property to change the border of an element to Hex 0455AB 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
#0455AB }
```

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

```
.border{ border-color:#0455AB }
```

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

Here you see how a box with a 4 pixel #0455AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0455AB; -webkit-box-shadow:4px 4px  
4px 4px #0455AB; box-shadow:4px 4px 4px  
4px #0455AB }
```

Background

The CSS property to change the background color of an element to Hex 0455AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0455AB }
```

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

```
.background{ background-color:#0455AB }
```

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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