

Converting Colors

Hex(4255B0)

Have a look what the booklet for
Hex(4255B0) contains.

Hex(4255B0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4255B0)

Conversions

Conversions Part 1

Format	Color
Hex	4255B0
RGB	66, 85, 176
RGB Percent	26%, 33%, 69%
CMY	0.7412, 0.6667, 0.3098
CMYK	0.62, 0.52, 0.00, 0.31
HSL	230°, 45%, 47%
HSV	230°, 62%, 69%
XYZ	13.3317, 10.7898, 42.4543
YIQ	89.6930, -40.5350, 24.2730

Conversions

Conversions Part 2

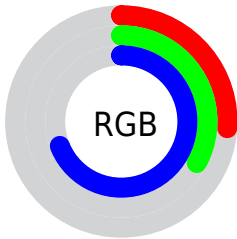
Format	Color
RYB	66, 82, 176
Decimal	4347312
CIELab	39.22, 21.75, -50.90
CIElCh	39, 55.351, 293.141
Yxy	10.7898, 0.2002, 0.1621
Android (android.graphics.Color)	4282537392 (0xFF4255B0)
YUV	89.6930, 42.5494, -20.7788
Hunter-Lab	32.8479, 14.9627, -53.6359

Details

The Hex color **4255B0** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B09D42**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7C86E8**, and **00297B** is the 20% darker color. If you saturate the color by 10%, you get **3046B0**, and if you desaturate by 10%, it is **5464B0**.

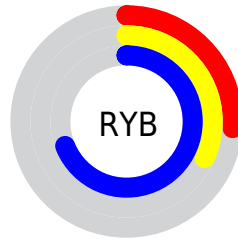
Distribution



Red (26%)

Green (33%)

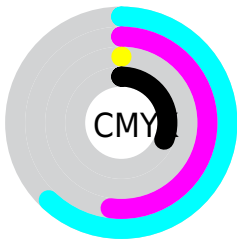
Blue (69%)



Red (26%)

Yellow (32%)

Blue (69%)

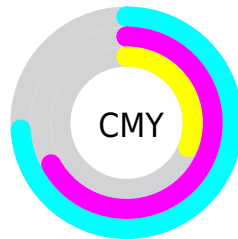


Cyan (62%)

Magenta (52%)

Yellow (0%)

Black (31%)



Cyan (74%)

Magenta (67%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4255B0 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 4255B0 by changing the saturation by 10% instead.

■ 4255B0

■ 4255B0

FFFFFF

■ 203E95

■ 7C86E8

■ 00297B

■ 99A0FF

■ 001561

■ B5BBFF

■ 000049

■ D2D7FF

■ 000431

■ F0F3FF

■ 00011B

■ 000000

■ 4255B0

■ 4255B0

■ 3046B0

■ 5464B0

■ 1F38B0

■ 6572B0

■ 0D29B0

■ 7781B0

■ 001EB0

■ 888FB0

■ 9A9EB0

■ ACACB0

■ BDBBB0

■ CFC9B0

■ E0D8B0

Harmonies

Analogous

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



0065B6



4255B0



883E93

Triad

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



4255B0



994311



007050

Complementary

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



4255B0



B09D42

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.



006C21



4255B0



795700

Square

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



4255B0



AA2E3C



4F6400



00707F

Rectangle

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



4255B0



9F2F78



4F6400



006F40

Sweetspot

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



4255B0



BAC1E6



42B09C



585D73



F2F2F2



737373

Same Dimension

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



4255B0



3957E6



6542B0



505259



001A99



00041A

Inverse Universe

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



B04255



E63957



8DB042



595052



99001A



1A0004

Previews

White Background



This preview shows how the Hex color 4255B0 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



This preview shows how the Hex color 4255B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

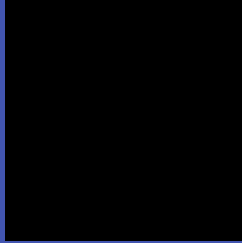
Any Text WCAG AA × Fail

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 4255B0 Background



This preview shows how black text looks on a background with the Hex color 4255B0.




This preview shows how white text looks on a background with the Hex color 4255B0.

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](#).

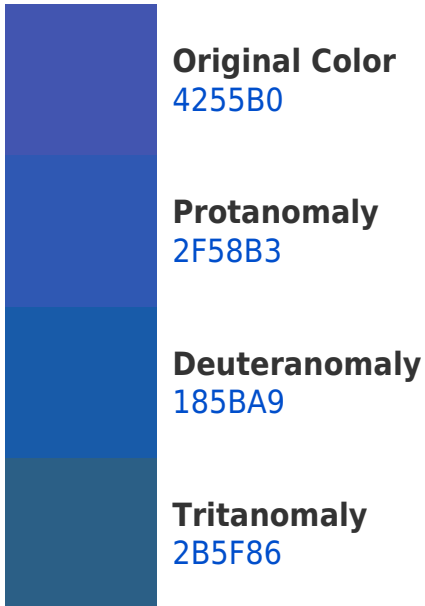
Dichromacy



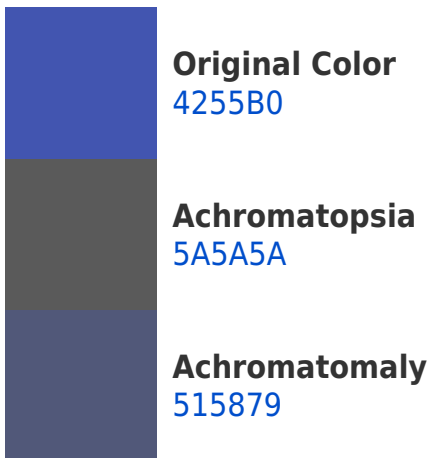


Tritanopia
1E656E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4255B0 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 #4255B0 looks like.

```
.text, #text, p{  
    color:#4255B0  
}
```

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 #4255B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4255B0
}
```

Border

The CSS property to change the border of an element to Hex 4255B0 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
#4255B0 }
```

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

```
.border{ border-color:#4255B0 }
```

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

Here you see how a box with a 4 pixel #4255B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4255B0; -webkit-box-shadow:4px 4px  
4px 4px #4255B0; box-shadow:4px 4px 4px  
4px #4255B0 }
```

Background

The CSS property to change the background color of an element to Hex 4255B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4255B0 }
```

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

```
.background{ background-color:#4255B0 }
```

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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