

Converting Colors

Hex(4255AC)

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

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Color

Hex(4255AC)

Conversions

Conversions Part 1

Format	Color
Hex	4255AC
RGB	66, 85, 172
RGB Percent	26%, 33%, 67%
CMY	0.7412, 0.6667, 0.3255
CMYK	0.62, 0.51, 0.00, 0.33
HSL	229°, 45%, 47%
HSV	229°, 62%, 67%
XYZ	12.9417, 10.6338, 40.4002
YIQ	89.2370, -39.2510, 23.0290

Conversions

Conversions Part 2

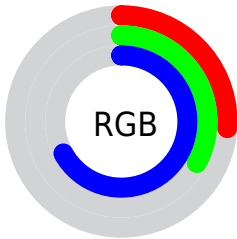
Format	Color
R_{YB}	66, 82, 172
Decimal	4347308
CIE _{Lab}	38.96, 20.35, -48.96
CIE _{LCh}	39, 53.022, 292.566
Yxy	10.6338, 0.2023, 0.1662
Android (android.graphics.Color)	4282537388 (0xFF4255AC)
YUV	89.2370, 40.8022, -20.3788
Hunter-Lab	32.6095, 13.7742, -50.6281

Details

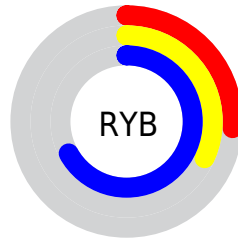
The Hex color **4255AC** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **AC9942**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7B86E4**, and **002977** is the 20% darker color. If you saturate the color by 10%, you get **3147AC**, and if you desaturate by 10%, it is **5363AC**.

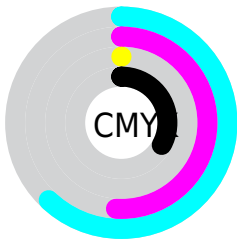
Distribution



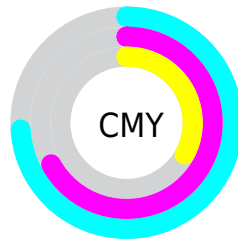
- Red (26%)
- Green (33%)
- Blue (67%)



- Red (26%)
- Yellow (32%)
- Blue (67%)



- Cyan (62%)
- Magenta (51%)
- Yellow (0%)
- Black (33%)



- Cyan (74%)
- Magenta (67%)
- Yellow (33%)

Brightness & Saturation Gradients

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

■ 4255AC

■ 4255AC

FFFFFF

■ 213E91

■ 7B86E4

■ 002977

■ 98A0FF

■ 00155E

■ B4BBFF

■ 000045

■ D1D7FF

■ 00042E

■ EFF3FF

■ 000118

■ 000000

■ 4255AC

■ 4255AC

■ 3147AC

■ 5363AC

■ 2039AC

■ 6471AC

■ 0E2BAC

■ 767FAC

■ 001FAC

■ 878DAC

■ 989CAC

■ A9AAAC

■ BAB8AC

■ CCC6AC

■ DDD4AC

Harmonies

Analogous

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



0064B2



4255AC



844091

Triad

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



4255AC



964315



006E4F

Complementary

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



4255AC



AC9942

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.



076B23



4255AC



785600

Square

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



4255AC



A7303E



506300



006F7C

Rectangle

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



4255AC



9B3277



506300



006E40

Sweetspot

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



4255AC



B8BFE0



42AC99



585C70



F0F0F0



707070

Same Dimension

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



4255AC



3A58E0



6442AC



4E5057



001B96



000417

Inverse Universe

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



AC4255



E03A58



8AAC42



574E50



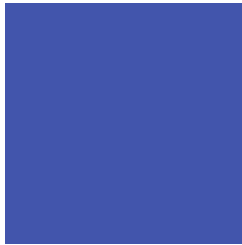
96001B



170004

Previews

White Background



This preview shows how the Hex color 4255AC looks on a white background.

Color Contrast Check

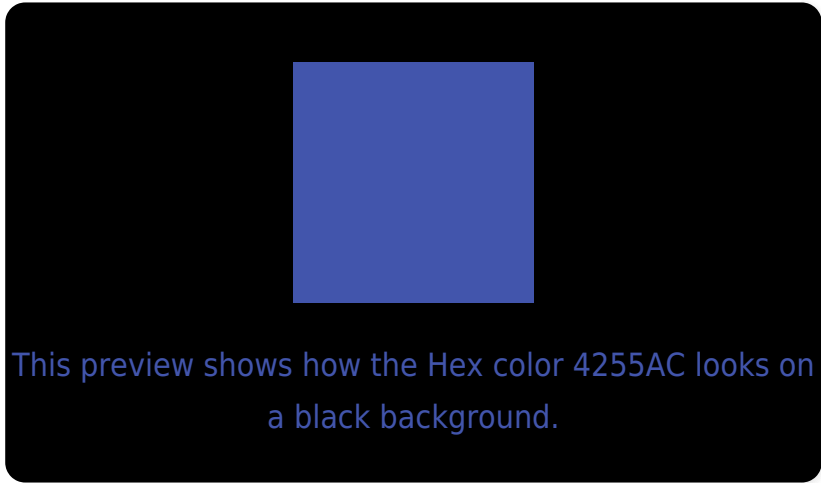
Large Text (above 18pt) WCAG AA ✓ Pass

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 4255AC Background



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

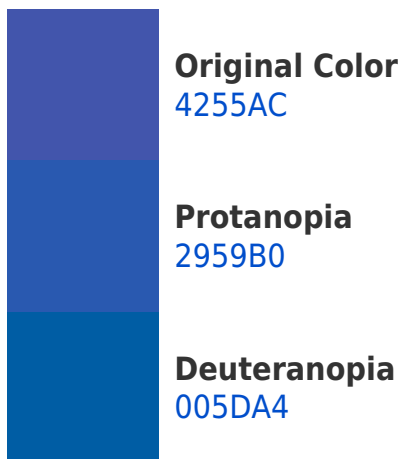


This preview shows how white text looks on a background with the Hex color 4255AC.

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](#).

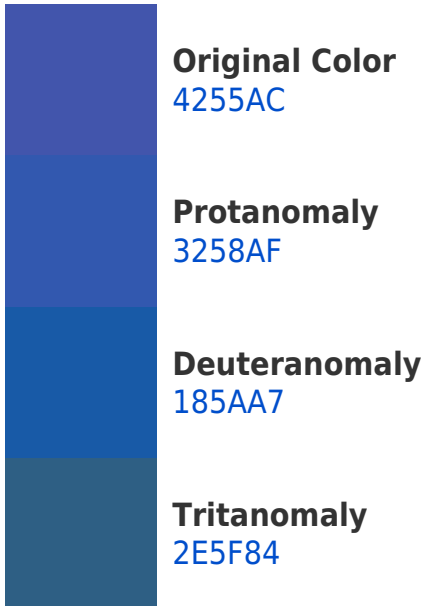
Dichromacy



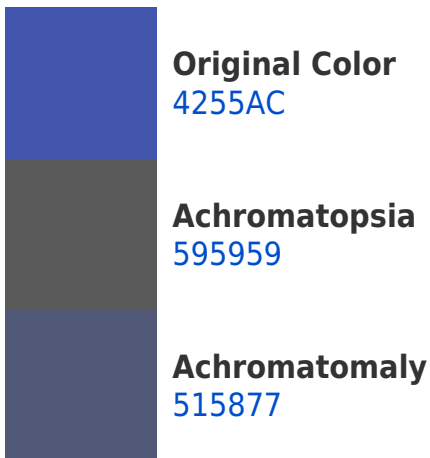


Tritanopia
22646D

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #4255AC colored shadow looks like.

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

Border

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

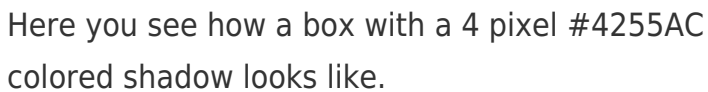
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4255AC }
```

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

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

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



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

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

Background

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

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

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

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

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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