

Converting Colors

Hex(3855AC)

Have a look what the booklet for
Hex(3855AC) contains.

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Color

Hex(3855AC)

Conversions

Conversions Part 1

Format	Color
Hex	3855AC
RGB	56, 85, 172
RGB Percent	22%, 33%, 67%
CMY	0.7804, 0.6667, 0.3255
CMYK	0.67, 0.51, 0.00, 0.33
HSL	225°, 51%, 45%
HSV	225°, 67%, 67%
XYZ	12.3258, 10.3163, 40.3713
YIQ	86.2470, -45.2110, 20.9090

Conversions

Conversions Part 2

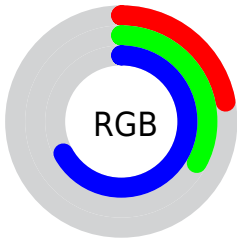
Format	Color
RYB	56, 79, 172
Decimal	3691948
CIELab	38.40, 18.58, -49.88
CIElCh	38, 53.230, 290.431
Yxy	10.3163, 0.1956, 0.1637
Android (android.graphics.Color)	4281882028 (0xFF3855AC)
YUV	86.2470, 42.2762, -26.5266
Hunter-Lab	32.1190, 12.2917, -52.0400

Details

The Hex color **3855AC** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **AC8F38**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **7386E4**, and **002977** is the 20% darker color. If you saturate the color by 10%, you get **2748AC**, and if you desaturate by 10%, it is **4962AC**.

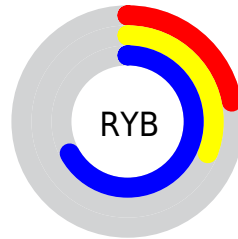
Distribution



Red (22%)

Green (33%)

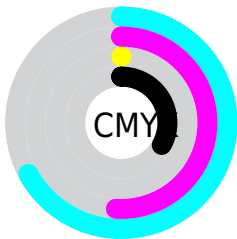
Blue (67%)



Red (22%)

Yellow (31%)

Blue (67%)

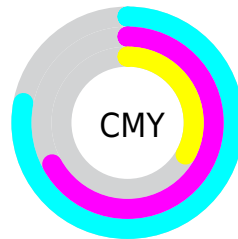


Cyan (67%)

Magenta (51%)

Yellow (0%)

Black (33%)



Cyan (78%)

Magenta (67%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3855AC 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 3855AC by changing the saturation by 10% instead.

 3855AC

 3855AC

FFFFFF

 0F3E91


 7386E4

 002977

 90A0FF

 00165E

 ADBBFF

 000045

 CAD7FF

 00042E

 E7F3FF

 000118

 000000

 3855AC

 3855AC

 2748AC

 4962AC

■ 163BAC

■ 5A6FAC

■ 042EAC

■ 6C7CAC

■ 002BAC

■ 7D89AC

■ 8E96AC

■ 9FA2AC

■ B0AFAC

■ C2BCAC

■ D3C9AC

Harmonies

Analogous

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



0064B0



3855AC



804092

Triad

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



3855AC



974016



006D4B

Complementary

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



3855AC



AC8F38

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.



10691E



3855AC



795400

Square

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



3855AC



A62D3F



526100



006E77

Rectangle

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



3855AC



983278



526100



006C3C

Sweetspot

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



3855AC



B4BFE0



38AC8F



555C70



F0F0F0



707070

Same Dimension

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



3855AC



2B58E0



5538AC



4E5057



002696



000617

Inverse Universe

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



AC3855



E02B58



8FAC38



574E50



960026



170006

Previews

White Background



This preview shows how the Hex color 3855AC looks on a white background.

Color Contrast Check

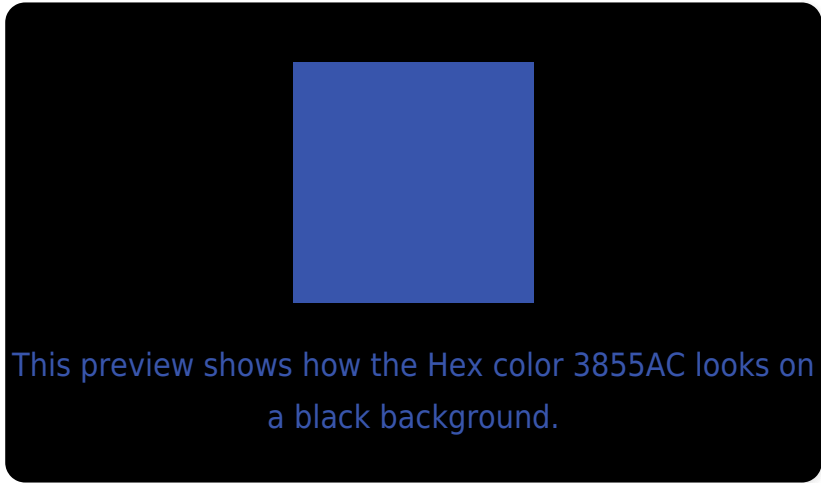
Large Text (above 18pt) WCAG AA ✓ Pass

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

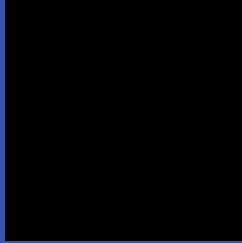
Any Text WCAG AA × Fail

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 3855AC Background



This preview shows how black text looks on a background with the Hex color 3855AC.

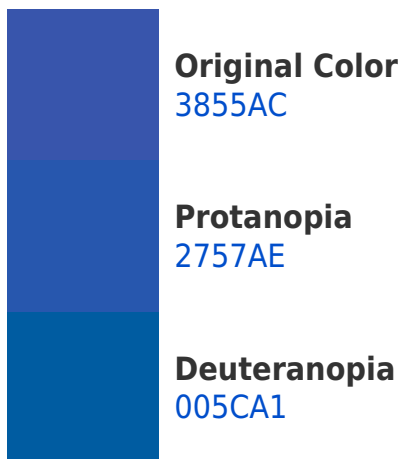


This preview shows how white text looks on a background with the Hex color 3855AC.

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](#).

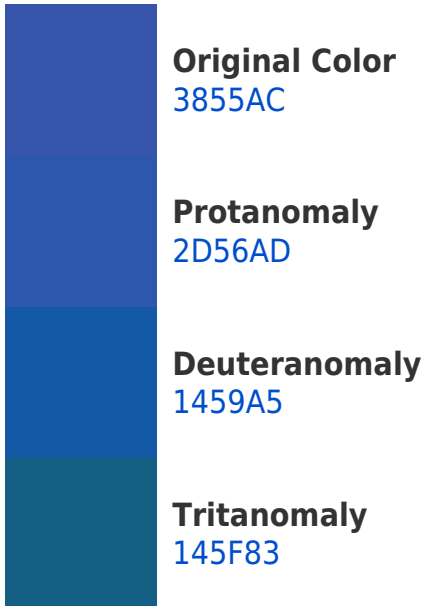
Dichromacy





Tritanopia
00646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3855AC 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 #3855AC looks like.

```
.text, #text, p{  
    color:#3855AC  
}
```

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 #3855AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3855AC
}
```

Border

The CSS property to change the border of an element to Hex 3855AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

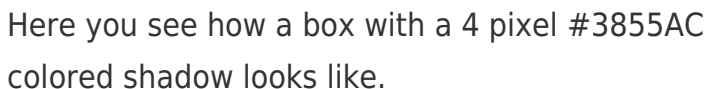
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3855AC }
```

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

```
.border{ border-color:#3855AC }
```

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



Here you see how a box with a 4 pixel #3855AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3855AC; -webkit-box-shadow:4px 4px  
4px 4px #3855AC; box-shadow:4px 4px 4px  
4px #3855AC }
```

Background

The CSS property to change the background color of an element to Hex 3855AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3855AC }
```

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

```
.background{ background-color:#3855AC }
```

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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