

Converting Colors

Hex(085AC3)

Have a look what the booklet for
Hex(085AC3) contains.

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Color

Hex(085AC3)

Conversions

Conversions Part 1

Format	Color
Hex	085AC3
RGB	8, 90, 195
RGB Percent	3%, 35%, 76%
CMY	0.9686, 0.6471, 0.2353
CMYK	0.96, 0.54, 0.00, 0.24
HSL	214°, 92%, 40%
HSV	214°, 96%, 76%
XYZ	13.6066, 11.3041, 53.0945
YIQ	77.4520, -82.5770, 15.2710

Conversions

Conversions Part 2

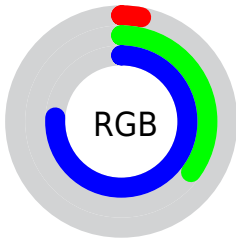
Format	Color
RYB	8, 65, 195
Decimal	547523
CIELab	40.09, 19.80, -60.72
CIELCh	40, 63.864, 288.064
Yxy	11.3041, 0.1744, 0.1449
Android (android.graphics.Color)	4278737603 (0xFF085AC3)
YUV	77.4520, 57.9512, -60.9094
Hunter-Lab	33.6215, 13.4012, -70.0946

Details

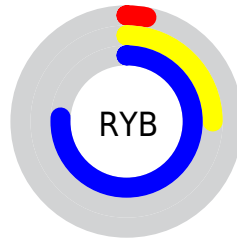
The Hex color **085AC3** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **C37108**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **628BFC**, and **002E8C** is the 20% darker color. If you saturate the color by 10%, you get **0056C3**, and if you desaturate by 10%, it is **1B65C3**.

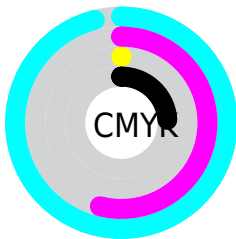
Distribution



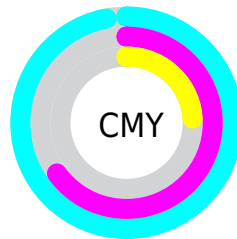
- Red (3%)
- Green (35%)
- Blue (76%)



- Red (3%)
- Yellow (25%)
- Blue (76%)



- Cyan (96%)
- Magenta (54%)
- Yellow (0%)
- Black (24%)



- Cyan (97%)
- Magenta (65%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 085AC3 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 085AC3 by changing the saturation by 10% instead.

 085AC3

 085AC3

FFFFFF

 0043A7

 628BFC

 002E8C

 82A5FF

 001B72

 A0C0FF

 000059

 BFDCFF

 000740

 DDF9FF

 000329

 FCFFFF

 000114

 000000

 085AC3

 085AC3

■ 0056C3

■ 1B65C3

■ 2F70C3

■ 437BC3

■ 5686C3

■ 6A91C3

■ 7D9CC3

■ 91A7C3

■ A4B2C3

■ B7BDC3

Harmonies

Analogous

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



006BC6



085AC3



863FA5

Triad

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



085AC3



A73B0C



007347

Complementary

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



085AC3



C37108

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.



006F09



085AC3



845500

Square

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



085AC3



B81B42



566600



00757E

Rectangle

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



085AC3



A62887



566600



007235

Sweetspot

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



085AC3



B3D3FC



08C36F



536680



000000



808080

Same Dimension

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



085AC3



006FFC



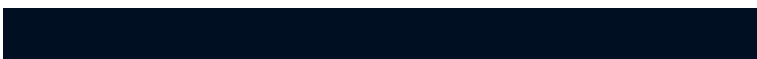
1108C3



575B61



0046A1



000F21

Inverse Universe

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



C3085A



FC006F



BAC308



61575B



A10046



21000F

Previews

White Background



This preview shows how the Hex color 085AC3 looks on a white background.

Color Contrast Check

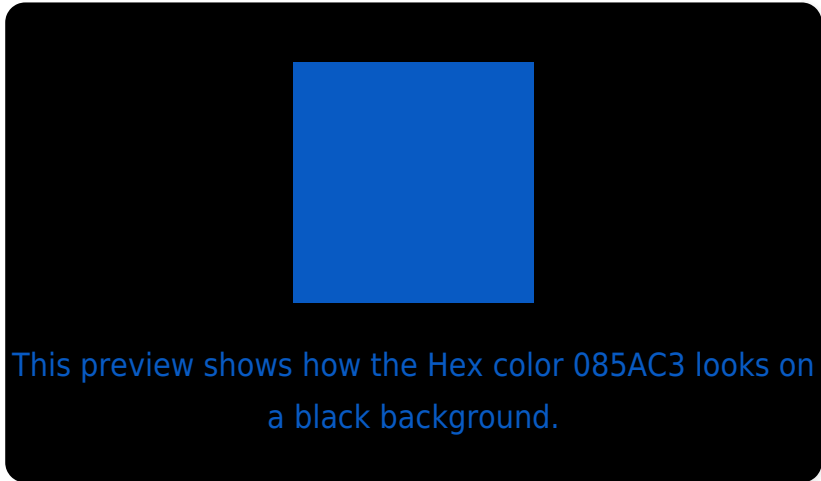
Large Text (above 18pt) WCAG AA ✓ Pass

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

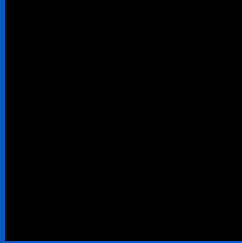
Any Text WCAG AA × Fail

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 085AC3 Background



This preview shows how black text looks on a background with the Hex color 085AC3.



This preview shows how white text looks on a background with the Hex color 085AC3.

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



Original Color
085AC3

Protanopia
005BC1

Deuteranopia
0060A6



Tritanopia
00696F

Trichromacy



Original Color
085AC3

Protanomaly
035BC2

Deuteranomaly
035EB1

Tritanomaly
03648E

Monochromacy



Original Color
085AC3

Achromatopsia
4D4D4D

Achromatomaly
345278

CSS Examples

Text

The CSS property to change the color of the text to Hex 085AC3 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 #085AC3 looks like.

```
.text, #text, p{  
    color:#085AC3  
}
```

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 #085AC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #085AC3
}
```

Border

The CSS property to change the border of an element to Hex 085AC3 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
#085AC3 }
```

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

```
.border{ border-color:#085AC3 }
```

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

Here you see how a box with a 4 pixel #085AC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #085AC3; -webkit-box-shadow:4px 4px  
4px 4px #085AC3; box-shadow:4px 4px 4px  
4px #085AC3 }
```

Background

The CSS property to change the background color of an element to Hex 085AC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#085AC3 }
```

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

```
.background{ background-color:#085AC3 }
```

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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