

Converting Colors

Hex(087AB5)

Have a look what the booklet for
Hex(087AB5) contains.

Hex(087AB5)	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(087AB5)

Conversions

Conversions Part 1

Format	Color
Hex	087AB5
RGB	8, 122, 181
RGB Percent	3%, 48%, 71%
CMY	0.9686, 0.5216, 0.2902
CMYK	0.96, 0.33, 0.00, 0.29
HSL	200°, 92%, 37%
HSV	200°, 96%, 71%
XYZ	15.4002, 17.3069, 46.2449
YIQ	94.6400, -86.8830, -5.8190

Conversions

Conversions Part 2

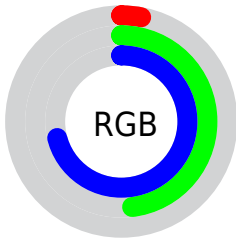
Format	Color
RYB	8, 77, 181
Decimal	555701
CIELab	48.64, -6.06, -38.88
CIElCh	49, 39.350, 261.146
Yxy	17.3069, 0.1951, 0.2192
Android (android.graphics.Color)	4278745781 (0xFF087AB5)
YUV	94.6400, 42.5755, -75.9833
Hunter-Lab	41.6015, -6.7251, -36.7866

Details

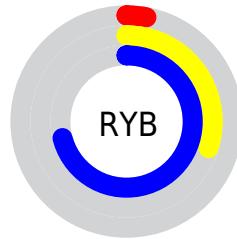
The Hex color **087AB5** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **B54308**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **5EAEED**, and **004A80** is the 20% darker color. If you saturate the color by 10%, you get **0077B5**, and if you desaturate by 10%, it is **1A80B5**.

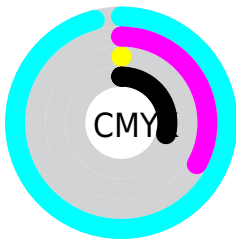
Distribution



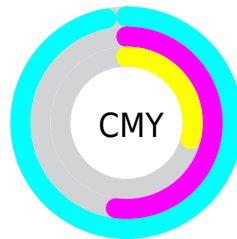
- Red (3%)
- Green (48%)
- Blue (71%)



- Red (3%)
- Yellow (30%)
- Blue (71%)



- Cyan (96%)
- Magenta (33%)
- Yellow (0%)
- Black (29%)



- Cyan (97%)
- Magenta (52%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 087AB5 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 087AB5 by changing the saturation by 10% instead.

■ 087AB5

■ 087AB5

FFFFFF

■ 00619A

■ 5EAEED

■ 004A80

■ 7DC9FF

■ 003466

■ 9BE6FF

■ 001F4E

■ B9FFFF

■ 000537

■ D7FFFF

■ 000221

■ F5FFFF

■ 000005

■ 000000

■ 087AB5

■ 087AB5

■ 0077B5

■ 1A80B5

■ 2C86B5

■ 3E8DB5

■ 5093B5

■ 6399B5

■ 759FB5

■ 87A5B5

■ 99ABB5

■ ABB2B5

Harmonies

Analogous

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



0081A7



087AB5



666FB2

Triad

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



087AB5



B2595D



488048

Complementary

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



087AB5



B54308

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.



707933



087AB5



A76241

Square

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



087AB5



AC587F



8F6E30



008468

Rectangle

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



087AB5



8666A6



8F6E30



577E3F

Sweetspot

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



087AB5



A7D3EB



08B542



4C6775



F5F5F5



757575

Same Dimension

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



087AB5



009BEB



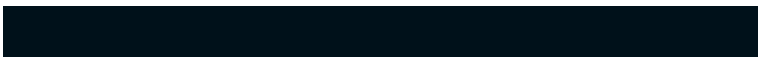
0825B5



505659



006599



00111A

Inverse Universe

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



B5087A



EB009B



B59808



595056



990065



1A0011

Previews

White Background



This preview shows how the Hex color 087AB5 looks on a white background.

Color Contrast Check

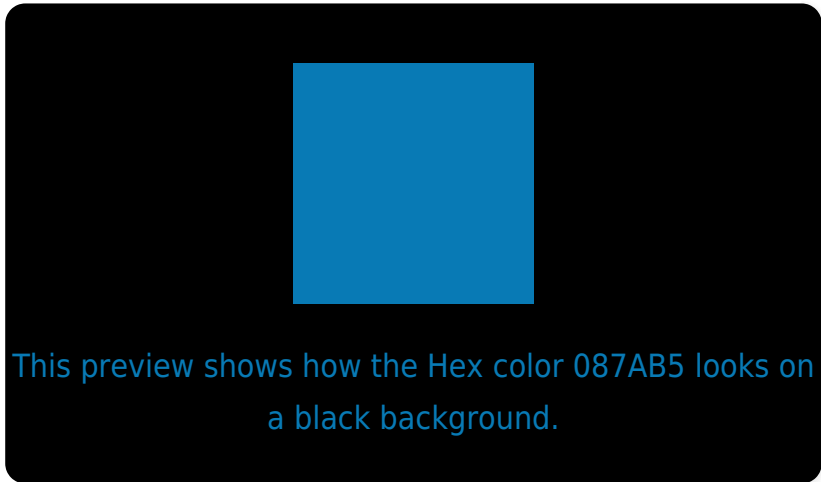
Large Text (above 18pt) WCAG AA ✓ Pass

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

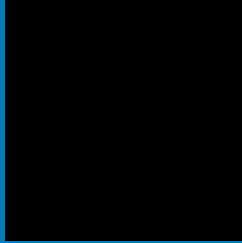
Any Text WCAG AA × Fail

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 087AB5 Background



This preview shows how black text looks on a background with the Hex color 087AB5.

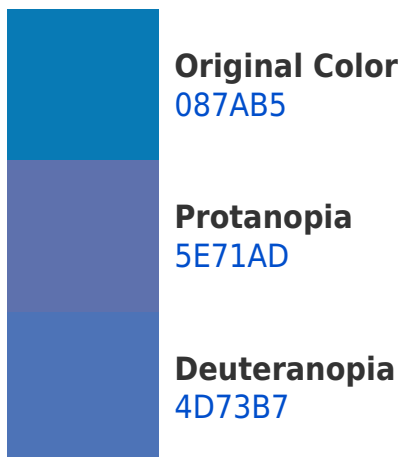


This preview shows how white text looks on a background with the Hex color 087AB5.

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](#).

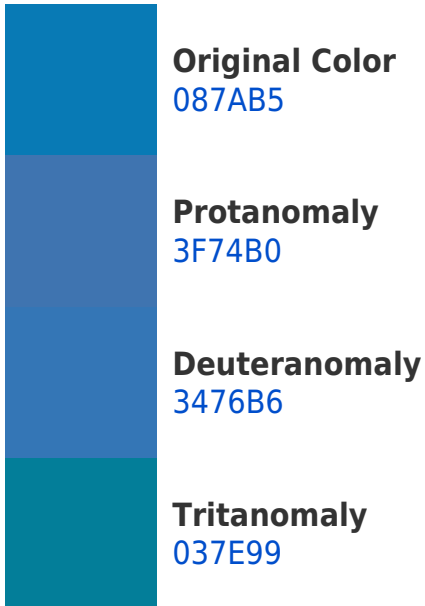
Dichromacy



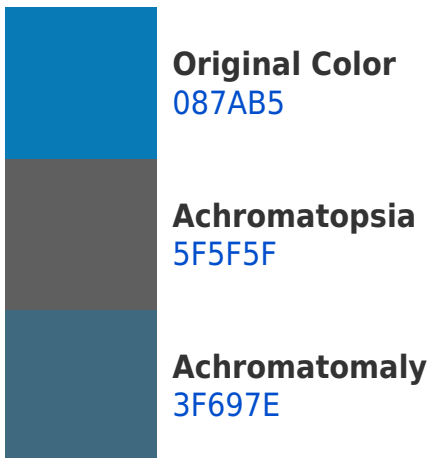


Tritanopia
008089

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 087AB5 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 #087AB5 looks like.

```
.text, #text, p{  
    color:#087AB5  
}
```

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 #087AB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #087AB5
}
```

Border

The CSS property to change the border of an element to Hex 087AB5 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
#087AB5 }
```

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

```
.border{ border-color:#087AB5 }
```

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

Here you see how a box with a 4 pixel #087AB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #087AB5; -webkit-box-shadow:4px 4px  
4px 4px #087AB5; box-shadow:4px 4px 4px  
4px #087AB5 }
```

Background

The CSS property to change the background color of an element to Hex 087AB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#087AB5 }
```

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

```
.background{ background-color:#087AB5 }
```

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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