

Converting Colors

Hex(5DBADE)

Have a look what the booklet for
Hex(5DBADE) contains.

Hex(5DBADE)	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(5DBADE)

Conversions

Conversions Part 1

Format	Color
Hex	5DBADE
RGB	93, 186, 222
RGB Percent	36%, 73%, 87%
CMY	0.6353, 0.2706, 0.1294
CMYK	0.58, 0.16, 0.00, 0.13
HSL	197°, 66%, 62%
HSV	197°, 58%, 87%
XYZ	35.2579, 42.7189, 75.4945
YIQ	162.2970, -66.9840, -8.5200

Conversions

Conversions Part 2

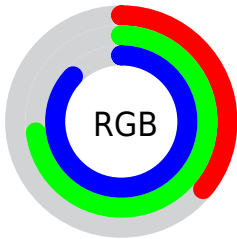
Format	Color
RYB	93, 147, 222
Decimal	6142686
CIELab	71.36, -17.31, -26.39
CIElCh	71, 31.559, 236.742
Yxy	42.7189, 0.2297, 0.2784
Android (android.graphics.Color)	4284332766 (0xFF5DBADE)
YUV	162.2970, 29.4336, -60.7735
Hunter-Lab	65.3597, -18.0886, -22.7319

Details

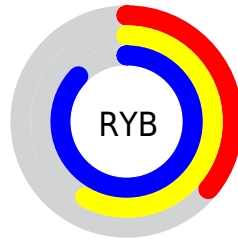
The Hex color **5DBADE** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **DE815D**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **99F2FF**, and **0D85A7** is the 20% darker color. If you saturate the color by 10%, you get **47B4DE**, and if you desaturate by 10%, it is **73C0DE**.

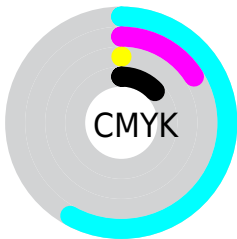
Distribution



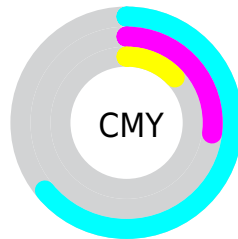
- Red (36%)
- Green (73%)
- Blue (87%)



- Red (36%)
- Yellow (58%)
- Blue (87%)



- Cyan (58%)
- Magenta (16%)
- Yellow (0%)
- Black (13%)



- Cyan (64%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DBADE 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 5DBADE by changing the saturation by 10% instead.

 5DBADE

 5DBADE

FFFFFF

 3C9FC2

 99F2FF

 0D85A7

 B6FFFF

 006B8C

 D4FFFF

 005373

 F2FFFF

 003C5A

 002642

 000C2C

 000117

 000000

 5DBADE

 5DBADE

 47B4DE

 73C0DE

 31AEDE

 89C6DE

 1AA7DE

 A0CDDE

 04A1DE

 B6D3DE

 00A0DE

 CCD9DE

 E2DFDE

 F8E5DE

 FFECDE

 FFF2DE

Harmonies

Analogous

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



51BEC8



5DBADE



84B2E8

Triad

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



5DBADE



E499B3



A8B57B

Complementary

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



5DBADE



DE815D

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.



C6AC75



5DBADE



E89B96

Square

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



5DBADE



D19FCF



DCA280



87BB8E

Rectangle

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



5DBADE



A1ACE6



DCA280



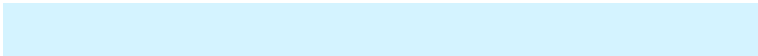
B2B277

Sweetspot

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



5DBADE



D4F3FF



5DDE7F



667880



000000



808080

Same Dimension

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



5DBADE



4DCDFE



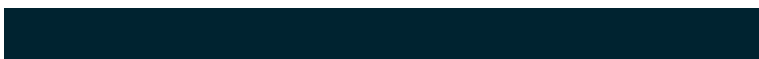
5D7BDE



656D70



007FB0



002330

Inverse Universe

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



DE5DBA



FF4DCD



DEC05D



70656D



B0007F



300023

Previews

White Background



This preview shows how the Hex color 5DBADE looks on a white background.

Color Contrast Check

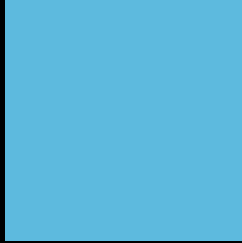
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 5DBADE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

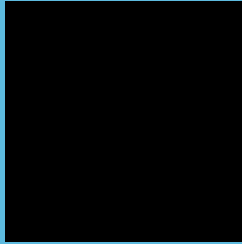
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5DBADE Background



This preview shows how black text looks on a background with the Hex color 5DBADE.

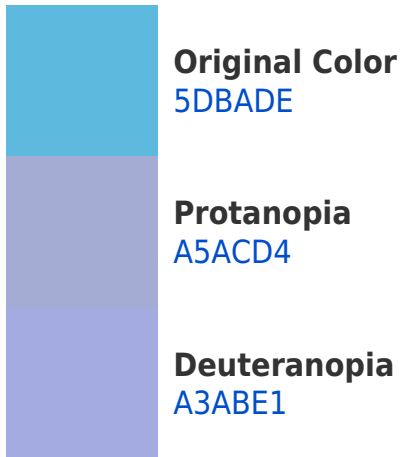


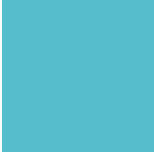
This preview shows how white text looks on a background with the Hex color 5DBADE.

Color Blindness Simulation

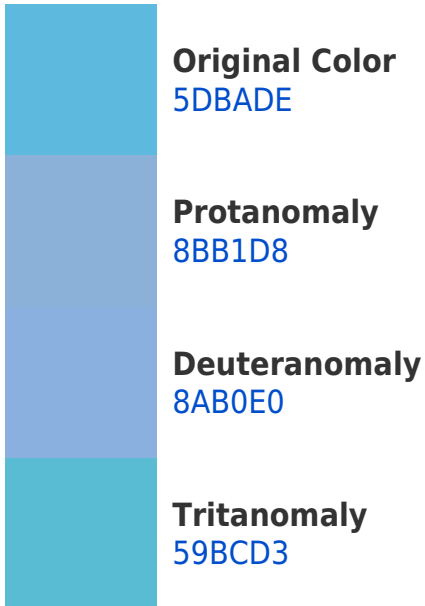
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

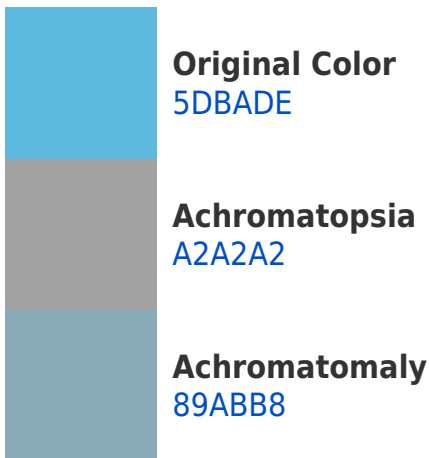




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DBADE 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 #5DBADE looks like.

```
.text, #text, p{  
  color:#5DBADE  
}
```

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 #5DBADE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DBADE
}
```

Border

The CSS property to change the border of an element to Hex 5DBADE 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
#5DBADE }
```

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

```
.border{ border-color:#5DBADE }
```

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

Here you see how a box with a 4 pixel #5DBADE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DBADE; -webkit-box-shadow:4px 4px  
4px 4px #5DBADE; box-shadow:4px 4px 4px  
4px #5DBADE }
```

Background

The CSS property to change the background color of an element to Hex 5DBADE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DBADE }
```

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

```
.background{ background-color:#5DBADE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor