

Converting Colors

Hex(5DBEAC)

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

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Color

Hex(5DBEAC)

Conversions

Conversions Part 1

Format	Color
Hex	5DBEAC
RGB	93, 190, 172
RGB Percent	36%, 75%, 67%
CMY	0.6353, 0.2549, 0.3255
CMYK	0.51, 0.00, 0.09, 0.25
HSL	169°, 43%, 55%
HSV	169°, 51%, 75%
XYZ	30.3741, 42.1326, 45.5613
YIQ	158.9450, -52.0340, -26.1620

Conversions

Conversions Part 2

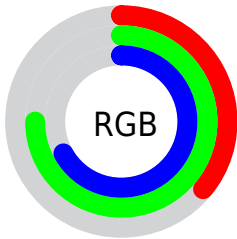
Format	Color
RYB	93, 146, 190
Decimal	6143660
CIELab	70.96, -33.00, 0.34
CIELCh	71, 32.998, 179.405
Yxy	42.1326, 0.2573, 0.3569
Android (android.graphics.Color)	4284333740 (0xFF5DBEAC)
YUV	158.9450, 6.4361, -57.8338
Hunter-Lab	64.9096, -30.0640, 3.8200

Details

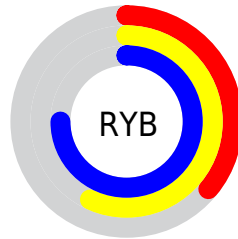
The Hex color **5DBEAC** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **BE5D6F**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **96F7E3**, and **1D8878** is the 20% darker color. If you saturate the color by 10%, you get **4ABEA8**, and if you desaturate by 10%, it is **70BEB0**.

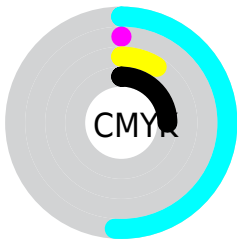
Distribution



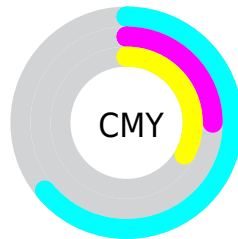
- Red (36%)
- Green (75%)
- Blue (67%)



- Red (36%)
- Yellow (57%)
- Blue (75%)



- Cyan (51%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)



- Cyan (64%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 5DBEAC

 5DBEAC

FFFFFF

 40A391

 96F7E3

 1D8878

 B2FFFF

 006E5F

 CFFFFF

 005548

 EDFFFF

 003D31

 00271C

 000702

 000000

 5DBEAC

 5DBEAC

 4ABEA8

 70BEB0

 37BEA5

 83BEB3

 24BEA1

 96BEB7

 11BE9E

 A9BEBA

 00BE9B

 BCBEBE

 CFBEC1

 E2BEC5

 F5BEC8

 FFBECC

Harmonies

Analogous

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



80BB8E



5DBEAC



47BDCA

Triad

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



5DBEAC



B1A6E2



DBA17B

Complementary

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



5DBEAC



BE5D6F

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.



E89992



5DBEAC



D39CCD

Square

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



5DBEAC



84B1E9



E697AF



C3AC71

Rectangle

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



5DBEAC



4EBBDA



E697AF



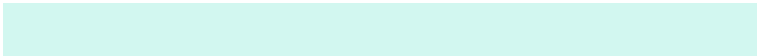
E19E81

Sweetspot

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



5DBEAC



D2F7F0



70BE5D



667D79



FCFCFC



7D7D7D

Same Dimension

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



5DBEAC



60F7DB



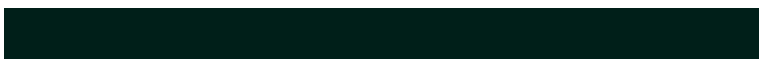
5DA1BE



555E5D



009E81



001F19

Inverse Universe

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



BE5D6F



F7607C



BE7A5D



5E5557



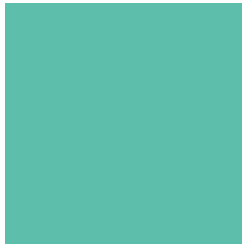
9E001D



1F0006

Previews

White Background



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

Color Contrast Check

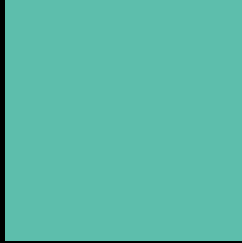
Large Text (above 18pt) WCAG AA × Fail

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 5DBEAC 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 5DBEAC Background



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

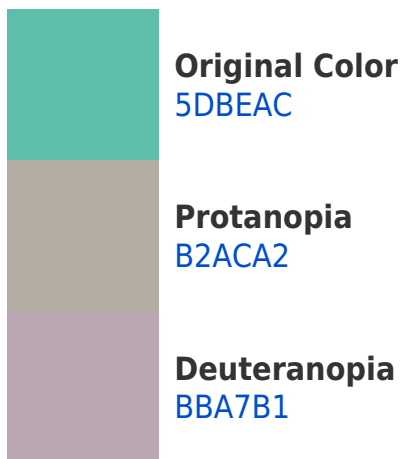


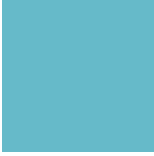
This preview shows how white text looks on a background with the Hex color 5DBEAC.

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](#).

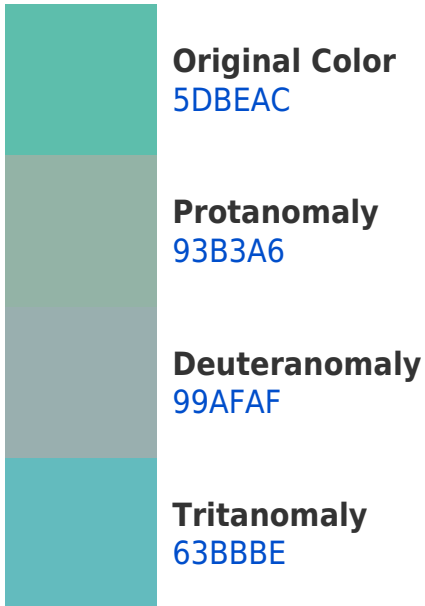
Dichromacy



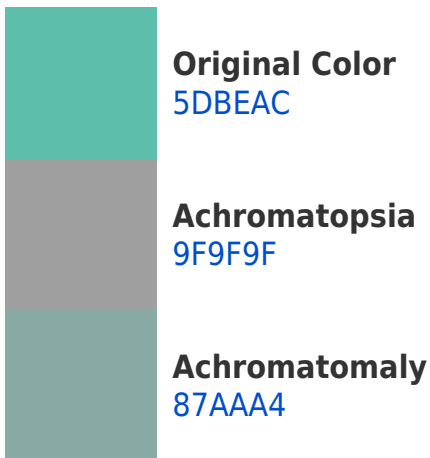


Tritanopia
66BAC9

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #5DBEAC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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