

Converting Colors

Hex(6DBC A5)

Have a look what the booklet for
Hex(6DBCA5) contains.

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Color

Hex(6DBC A5)

Conversions

Conversions Part 1

Format	Color
Hex	6DBCA5
RGB	109, 188, 165
RGB Percent	43%, 74%, 65%
CMY	0.5725, 0.2627, 0.3529
CMYK	0.42, 0.00, 0.12, 0.26
HSL	163°, 37%, 58%
HSV	163°, 42%, 74%
XYZ	31.0814, 41.9343, 42.0533
YIQ	161.7570, -39.7010, -23.9010

Conversions

Conversions Part 2

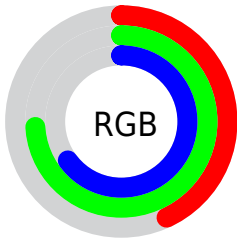
Format	Color
RYB	109, 155, 188
Decimal	7191717
CIELab	70.83, -29.77, 4.05
CIElCh	71, 30.047, 172.255
Yxy	41.9343, 0.2701, 0.3644
Android (android.graphics.Color)	4285381797 (0xFF6DBCA5)
YUV	161.7570, 1.5988, -46.2679
Hunter-Lab	64.7567, -27.6491, 6.8265

Details

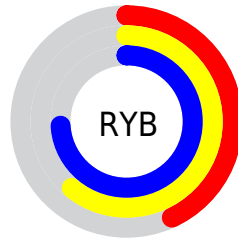
The Hex color **6DBCA5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BC6D84**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A4F5DC**, and **368671** is the 20% darker color. If you saturate the color by 10%, you get **5ABCA0**, and if you desaturate by 10%, it is **80BCAA**.

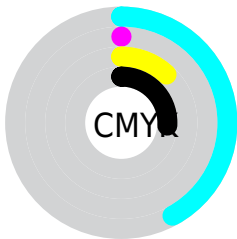
Distribution



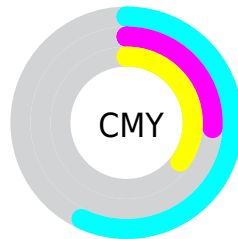
- Red (43%)
- Green (74%)
- Blue (65%)



- Red (43%)
- Yellow (61%)
- Blue (74%)



- Cyan (42%)
- Magenta (0%)
- Yellow (12%)
- Black (26%)



- Cyan (57%)
- Magenta (26%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DBCA5 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 6DBCA5 by changing the saturation by 10% instead.



6DBCA5



6DBCA5

FFFFFF



52A18B



A4F5DC



368671



C0FFF8



176D59



DDFFFF



005441



FAFFFF



003C2B



002617



000600



000000



6DBCA5



6DBCA5

 5ABCA0

 80BCAA

 47BC9A

 93BCB0

 35BC95

 A5BCB5

 22BC8F

 B8BCBB

 0FBC8A

 CBBCC0

 00BC85

 DEBCC6

 F1BCCB

 FFBCD1

 FFBCD6

Harmonies

Analogous

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



8CB88B



6DBCA5



57BCC1

Triad

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



6DBCA5



A7A9E0



DBA083

Complementary

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



6DBCA5



BC6D84

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.



E49A9A



6DBCA5



C99FCF

Square

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



6DBCA5



7FB2E3



DE9AB6



C7A977

Rectangle

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



6DBCA5



58BAD1



DE9AB6



E09E8A

Sweetspot

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



6DBCA5



D5F5EC



85BC6D



677A75



FAFAFA



7A7A7A

Same Dimension

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



6DBCA5



7AF5D1



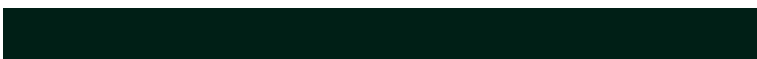
6DACBC



555E5C



009E70



001F16

Inverse Universe

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



BC6D84



F57A9E



BC7D6D



5E5558



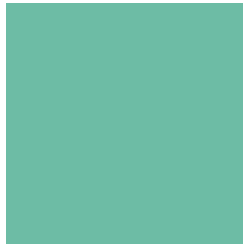
9E002E



1F0009

Previews

White Background



This preview shows how the Hex color 6DBCA5 looks on a white background.

Color Contrast Check

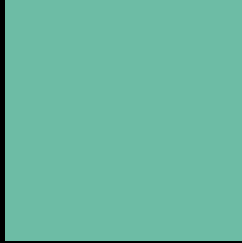
Large Text (above 18pt) WCAG AA × Fail

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 6DBCA5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

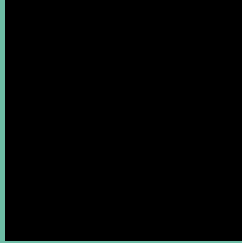
Any Text WCAG AA ✓ Pass

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 6DBCA5 Background



This preview shows how black text looks on a background with the Hex color 6DBCA5.

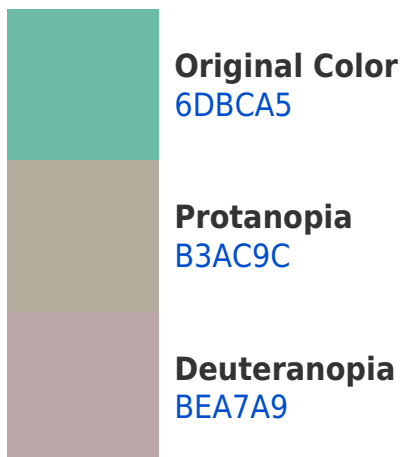


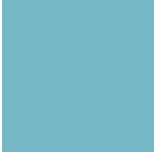
This preview shows how white text looks on a background with the Hex color 6DBCA5.

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](#).

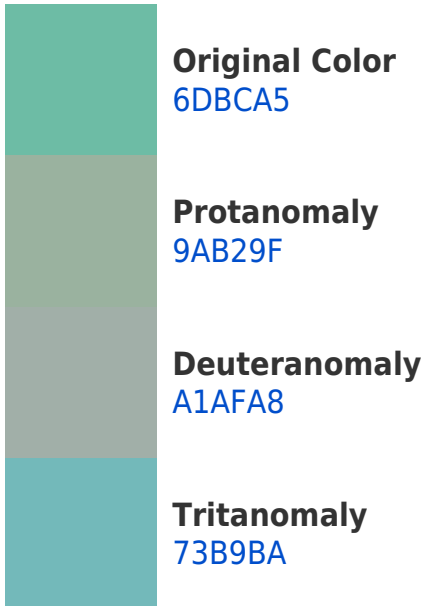
Dichromacy



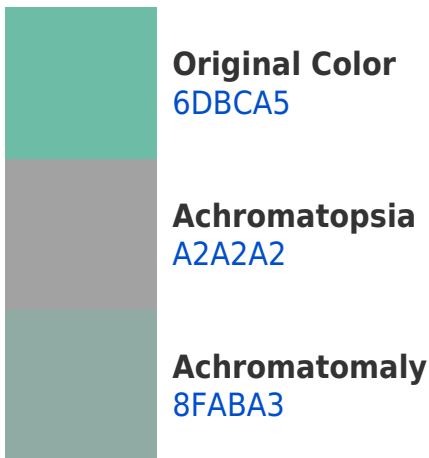


Tritanopia
76B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DBCA5 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 #6DBCA5 looks like.

```
.text, #text, p{  
    color:#6DBCA5  
}
```

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 #6DBCA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DBCA5
}
```

Border

The CSS property to change the border of an element to Hex 6DBCA5 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
#6DBCA5 }
```

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

```
.border{ border-color:#6DBCA5 }
```

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

Here you see how a box with a 4 pixel #6DBCA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DBCA5; -webkit-box-shadow:4px 4px  
4px 4px #6DBCA5; box-shadow:4px 4px 4px  
4px #6DBCA5 }
```

Background

The CSS property to change the background color of an element to Hex 6DBCA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DBCA5 }
```

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

```
.background{ background-color:#6DBCA5 }
```

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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