

Converting Colors

Hex(6DC1A5)

Have a look what the booklet for
Hex(6DC1A5) contains.

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Color

Hex(6DC1A5)

Conversions

Conversions Part 1

Format	Color
Hex	6DC1A5
RGB	109, 193, 165
RGB Percent	43%, 76%, 65%
CMY	0.5725, 0.2431, 0.3529
CMYK	0.44, 0.00, 0.15, 0.24
HSL	160°, 40%, 59%
HSV	160°, 44%, 76%
XYZ	32.1682, 44.1078, 42.4155
YIQ	164.6920, -41.0760, -26.5160

Conversions

Conversions Part 2

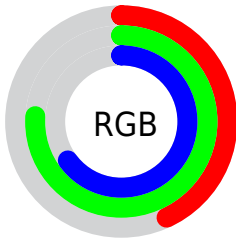
Format	Color
RYB	109, 159, 193
Decimal	7192997
CIELab	72.30, -32.16, 6.18
CIELCh	72, 32.749, 169.131
Yxy	44.1078, 0.2710, 0.3716
Android (android.graphics.Color)	4285383077 (0xFF6DC1A5)
YUV	164.6920, 0.1518, -48.8419
Hunter-Lab	66.4137, -29.7655, 8.6236

Details

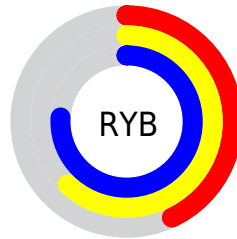
The Hex color **6DC1A5** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C16D89**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **A4FADC**, and **368B71** is the 20% darker color. If you saturate the color by 10%, you get **5AC19F**, and if you desaturate by 10%, it is **80C1AB**.

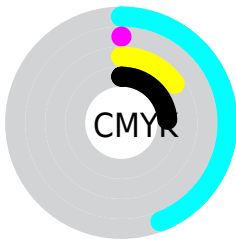
Distribution



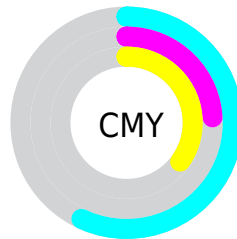
- Red (43%)
- Green (76%)
- Blue (65%)



- Red (43%)
- Yellow (62%)
- Blue (76%)



- Cyan (44%)
- Magenta (0%)
- Yellow (15%)
- Black (24%)



- Cyan (57%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DC1A5 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 6DC1A5 by changing the saturation by 10% instead.



6DC1A5



6DC1A5

FFFFFF



52A68B



A4FADC



368B71



C1FFF8



147159



DEFFFF



005841



FBFFFF



00402B



002A17



000F00



000000



6DC1A5



6DC1A5

■ 5AC19F

■ 80C1AB

■ 46C198

■ 94C1B2

■ 33C192

■ A7C1B8

■ 20C18B

■ BAC1BF

■ 0DC185

■ CEC1C5

■ 00C181

■ E1C1CC

■ F4C1D2

■ FFC1D8

■ FFC1DF

Harmonies

Analogous

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



90BD89



6DC1A5



51C2C4

Triad

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



6DC1A5



A6ADEA



E5A285

Complementary

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



6DC1A5



C16D89

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.



ED9B9F



6DC1A5



CDA3D9

Square

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



6DC1A5



79B7EB



E59CBD



D0AC77

Rectangle

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



6DC1A5



4EC0D6



E59CBD



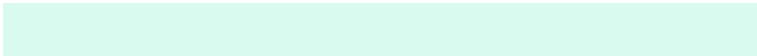
E99F8D

Sweetspot

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



6DC1A5



D9FAEF



89C16D



697D76



FCFCFC



7D7D7D

Same Dimension

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



6DC1A5



78FACF



6DB3C1



57615E



00A16B



002116

Inverse Universe

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



C16D89



FA78A3



C17B6D



61575A



A10036



21000B

Previews

White Background



This preview shows how the Hex color 6DC1A5 looks on a white background.

Color Contrast Check

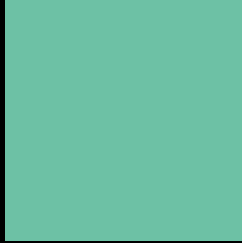
Large Text (above 18pt) WCAG AA × Fail

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 6DC1A5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

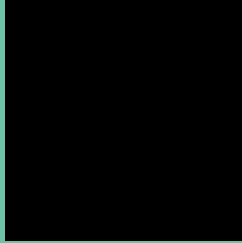
Any Text WCAG AA ✓ Pass

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 6DC1A5 Background



This preview shows how black text looks on a background with the Hex color 6DC1A5.

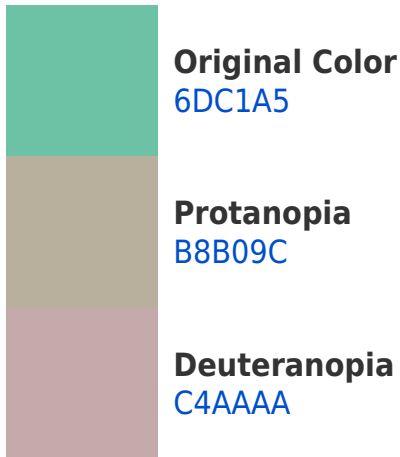


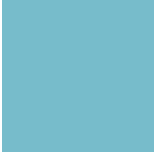
This preview shows how white text looks on a background with the Hex color 6DC1A5.

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](#).

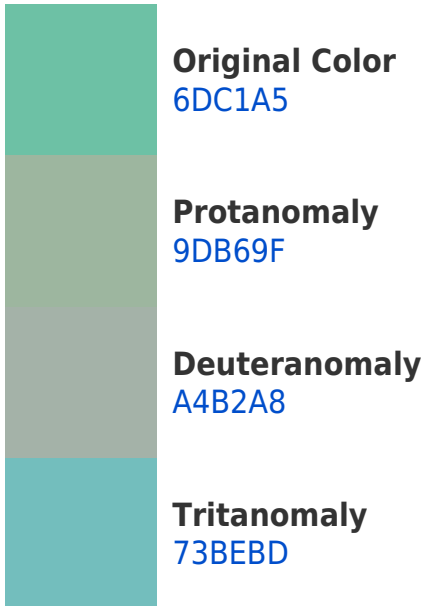
Dichromacy



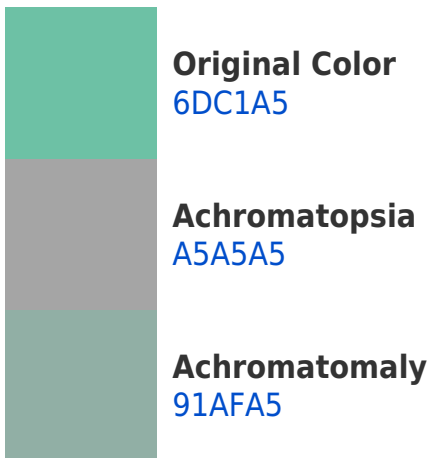


Tritanopia
77BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DC1A5 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 #6DC1A5 looks like.

```
.text, #text, p{  
    color:#6DC1A5  
}
```

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 #6DC1A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DC1A5  
}
```

Border

The CSS property to change the border of an element to Hex 6DC1A5 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  
#6DC1A5 }
```

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

```
.border{ border-color:#6DC1A5 }
```

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

Here you see how a box with a 4 pixel #6DC1A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DC1A5; -webkit-box-shadow:4px 4px  
4px 4px #6DC1A5; box-shadow:4px 4px 4px  
4px #6DC1A5 }
```

Background

The CSS property to change the background color of an element to Hex 6DC1A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DC1A5 }
```

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

```
.background{ background-color:#6DC1A5 }
```

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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