

Converting Colors

Hex(6CD693)

Have a look what the booklet for
Hex(6CD693) contains.

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Color

Hex(6CD693)

Conversions

Conversions Part 1

Format	Color
Hex	6CD693
RGB	108, 214, 147
RGB Percent	42%, 84%, 58%
CMY	0.5765, 0.1608, 0.4235
CMYK	0.50, 0.00, 0.31, 0.16
HSL	142°, 56%, 63%
HSV	142°, 50%, 84%
XYZ	35.4974, 53.3879, 36.0377
YIQ	174.6680, -41.6690, -43.3090

Conversions

Conversions Part 2

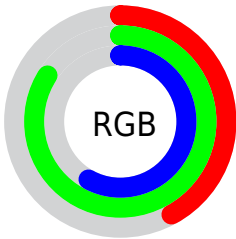
Format	Color
RYB	108, 185, 214
Decimal	7132819
CIELab	78.10, -45.55, 23.90
CIELCh	78, 51.437, 152.310
Yxy	53.3879, 0.2842, 0.4274
Android (android.graphics.Color)	4285322899 (0xFF6CD693)
YUV	174.6680, -13.6403, -58.4678
Hunter-Lab	73.0670, -41.1485, 21.9042

Details

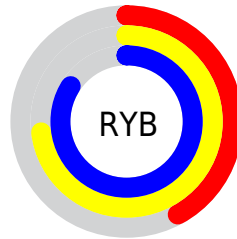
The Hex color **6CD693** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D66CAF**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **A5FFC9**, and **309E60** is the 20% darker color. If you saturate the color by 10%, you get **57D685**, and if you desaturate by 10%, it is **81D6A1**.

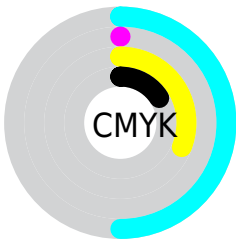
Distribution



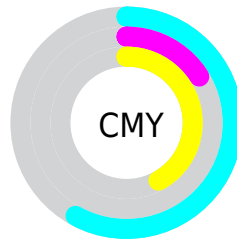
- Red (42%)
- Green (84%)
- Blue (58%)



- Red (42%)
- Yellow (73%)
- Blue (84%)



- Cyan (50%)
- Magenta (0%)
- Yellow (31%)
- Black (16%)



- Cyan (58%)
- Magenta (16%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CD693 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 6CD693 by changing the saturation by 10% instead.

 6CD693

 6CD693

FFFFFF

 4FBA79

 A5FFC9

 309E60

 C2FFE6

 008448

 DFFFFF

 006A31

FDFFFF

 00511A

 003802


 002300

 000000

 6CD693

 6CD693

 57D685

 81D6A1

 41D678

 97D6AE

 2CD66A

 ACD6BC

 16D65D

 C2D6C9

 01D64F

 D7D6D7

 00D64F

 ECD6E4

 FFD6F2

 FFD6FF

Harmonies

Analogous

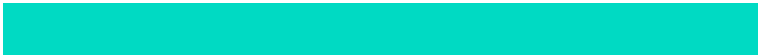
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A9CD6E



6CD693



00DAC3

Triad

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



6CD693



78C5FF



FF9F91

Complementary

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



6CD693



D66CAF

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.



FF9ABF



6CD693



CAB3FF

Square

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



6CD693



00D2FF



FFA2EE



FFAF6D

Rectangle

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



6CD693



00D9E4



FFA2EE



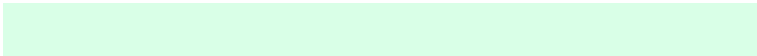
FF9C9F

Sweetspot

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



6CD693



D9FFE7



AFD66C



698071



000000



808080

Same Dimension

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



6CD693



69FFA0



6CD6C8



606B64



00AB3F



002B10

Inverse Universe

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



D66CAF



FF69C8



D66C7A



6B6067



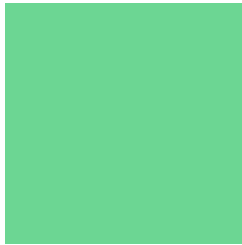
AB006C



2B001B

Previews

White Background



This preview shows how the Hex color 6CD693 looks on a white background.

Color Contrast Check

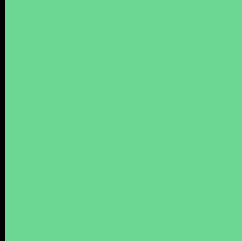
Large Text (above 18pt) WCAG AA × Fail

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 6CD693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

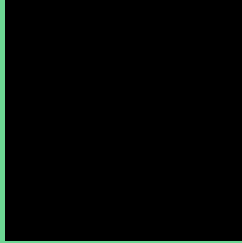
Any Text WCAG AA ✓ Pass

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 6CD693 Background



This preview shows how black text looks on a background with the Hex color 6CD693.

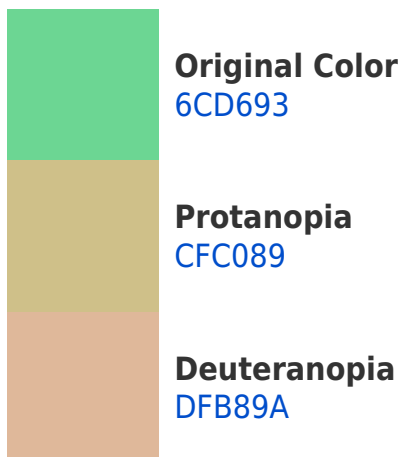


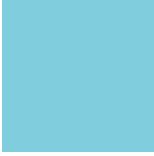
This preview shows how white text looks on a background with the Hex color 6CD693.

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](#).

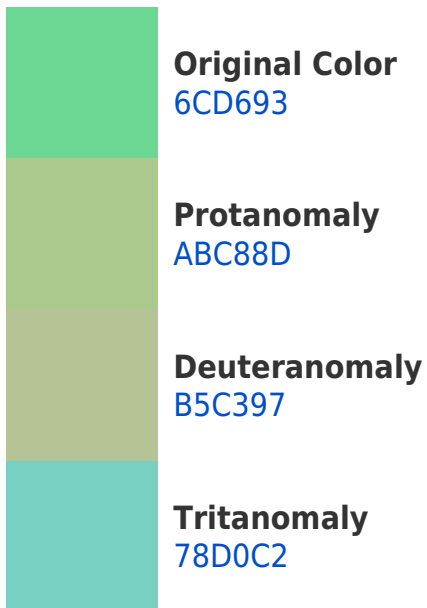
Dichromacy



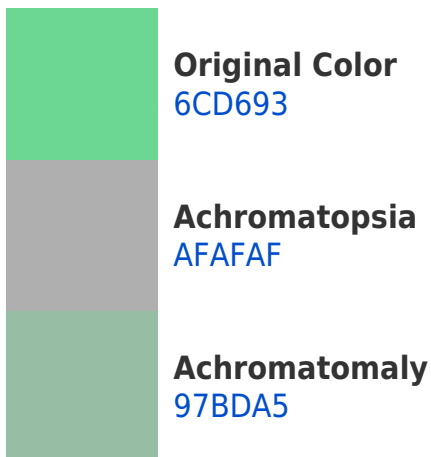


Tritanopia
7FCDDD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CD693 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 #6CD693 looks like.

```
.text, #text, p{  
    color:#6CD693  
}
```

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 #6CD693 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CD693
}
```

Border

The CSS property to change the border of an element to Hex 6CD693 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
#6CD693 }
```

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

```
.border{ border-color:#6CD693 }
```

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

Here you see how a box with a 4 pixel #6CD693 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CD693; -webkit-box-shadow:4px 4px  
4px 4px #6CD693; box-shadow:4px 4px 4px  
4px #6CD693 }
```

Background

The CSS property to change the background color of an element to Hex 6CD693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CD693 }
```

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

```
.background{ background-color:#6CD693 }
```

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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