

Converting Colors

Hex(69BD93)

Have a look what the booklet for
Hex(69BD93) contains.

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Color

Hex(69BD93)

Conversions

Conversions Part 1

Format	Color
Hex	69BD93
RGB	105, 189, 147
RGB Percent	41%, 74%, 58%
CMY	0.5882, 0.2588, 0.4235
CMYK	0.44, 0.00, 0.22, 0.26
HSL	150°, 39%, 58%
HSV	150°, 44%, 74%
XYZ	29.2898, 41.5050, 34.0713
YIQ	159.0960, -36.5820, -30.8700

Conversions

Conversions Part 2

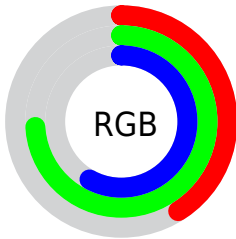
Format	Color
RYB	105, 161, 189
Decimal	6929811
CIELab	70.53, -35.24, 13.41
CIELCh	71, 37.706, 159.174
Yxy	41.5050, 0.2793, 0.3958
Android (android.graphics.Color)	4285119891 (0xFF69BD93)
YUV	159.0960, -5.9633, -47.4422
Hunter-Lab	64.4244, -31.5899, 13.7411

Details

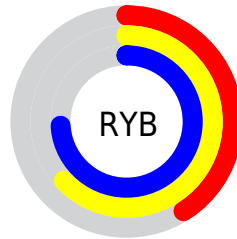
The Hex color **69BD93** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BD6993**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **A0F6C9**, and **328760** is the 20% darker color. If you saturate the color by 10%, you get **56BD8A**, and if you desaturate by 10%, it is **7CBD9C**.

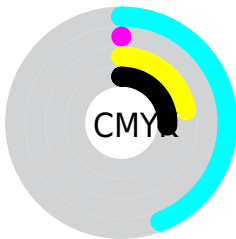
Distribution



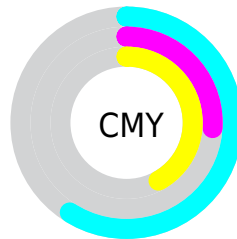
- Red (41%)
- Green (74%)
- Blue (58%)



- Red (41%)
- Yellow (63%)
- Blue (74%)



- Cyan (44%)
- Magenta (0%)
- Yellow (22%)
- Black (26%)



- Cyan (59%)
- Magenta (26%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69BD93 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 69BD93 by changing the saturation by 10% instead.

 69BD93

 69BD93

FFFFFF

 4EA279

 A0F6C9

 328760

 BCFFE5

 0F6D48

 D9FFFF

 005432

 F6FFFF

 003C1C

 002704

 000400

 000000

 69BD93

 69BD93

 56BD8A

 7CBD9C

 43BD80

 8FBDA6

 30BD77

 A2BDAF

 1DBD6D

 B5BDB9

 0ABD64

 C8BDC2

 00BD5F

 DABDCC

 EDBDD5

 FFBDDF

 FFBDE8

Harmonies

Analogous

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



93B776



69BD93



39BFB6

Triad

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



69BD93



8CACF0



EB9783

Complementary

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



69BD93



BD6993

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.



EF92A3



69BD93



BEA0E2

Square

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



69BD93



51B7EC



E095C6



D7A26D

Rectangle

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



69BD93



1CBECD



E095C6



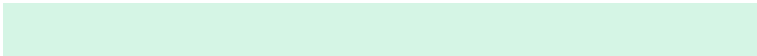
EE958D

Sweetspot

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



69BD93



D5F5E5



93BD69



677A71



FAFAFA



7A7A7A

Same Dimension

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



69BD93



73F5B4



69BDBD



555E5A



009E4F



001F0F

Inverse Universe

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



BD6993



F573B4



BD6969



5E555A



9E004F



1F000F

Previews

White Background



This preview shows how the Hex color 69BD93 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 69BD93 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

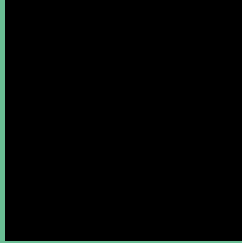
Any Text WCAG AA ✓ Pass

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 69BD93 Background



This preview shows how black text looks on a background with the Hex color 69BD93.

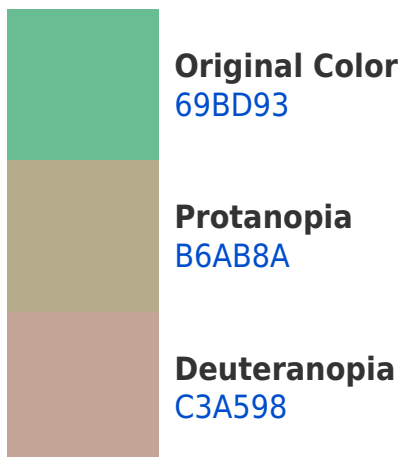


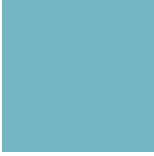
This preview shows how white text looks on a background with the Hex color 69BD93.

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](#).

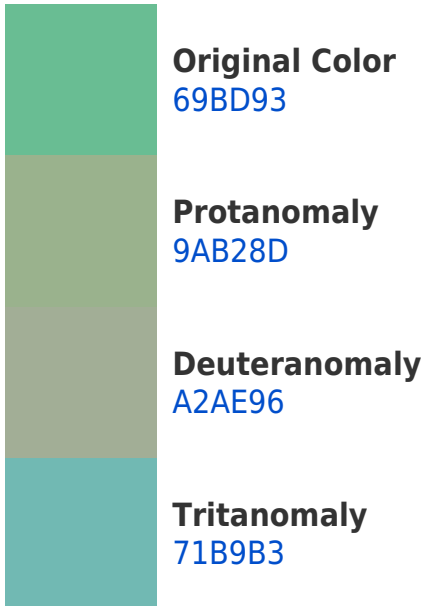
Dichromacy



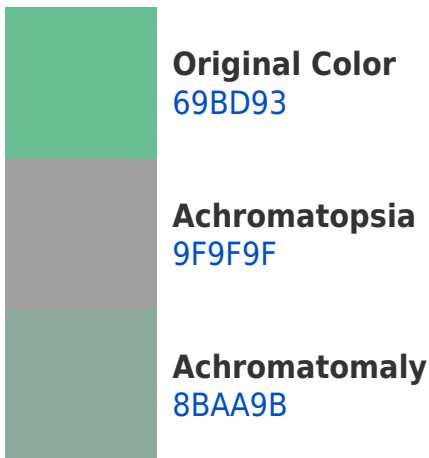


Tritanopia
75B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 69BD93 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 #69BD93 looks like.

```
.text, #text, p{  
    color:#69BD93  
}
```

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 #69BD93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69BD93
}
```

Border

The CSS property to change the border of an element to Hex 69BD93 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
#69BD93 }
```

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

```
.border{ border-color:#69BD93 }
```

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

Here you see how a box with a 4 pixel #69BD93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69BD93; -webkit-box-shadow:4px 4px  
4px 4px #69BD93; box-shadow:4px 4px 4px  
4px #69BD93 }
```

Background

The CSS property to change the background color of an element to Hex 69BD93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69BD93 }
```

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

```
.background{ background-color:#69BD93 }
```

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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