

Converting Colors

Hex(6DAF99)

Have a look what the booklet for
Hex(6DAF99) contains.

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Color

Hex(6DAF99)

Conversions

Conversions Part 1

Format	Color
Hex	6DAF99
RGB	109, 175, 153
RGB Percent	43%, 69%, 60%
CMY	0.5725, 0.3137, 0.4000
CMYK	0.38, 0.00, 0.13, 0.31
HSL	160°, 29%, 56%
HSV	160°, 38%, 69%
XYZ	27.3864, 36.2111, 35.6830
YIQ	152.7580, -32.2740, -20.8340

Conversions

Conversions Part 2

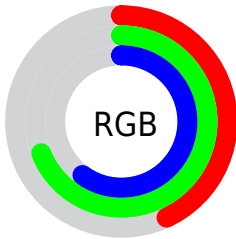
Format	Color
RYB	109, 149, 175
Decimal	7188377
CIELab	66.68, -26.14, 4.66
CIELCh	67, 26.551, 169.883
Yxy	36.2111, 0.2758, 0.3647
Android (android.graphics.Color)	4285378457 (0xFF6DAF99)
YUV	152.7580, 0.1193, -38.3758
Hunter-Lab	60.1756, -24.0706, 6.9651

Details

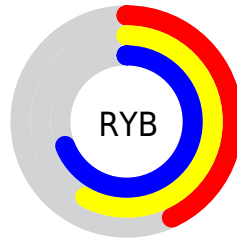
The Hex color **6DAF99** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AF6D83**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **A3E7CF**, and **397A66** is the 20% darker color. If you saturate the color by 10%, you get **5CAF93**, and if you desaturate by 10%, it is **7FAF9F**.

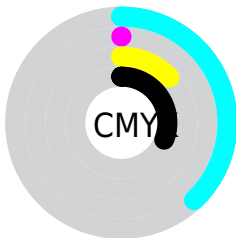
Distribution



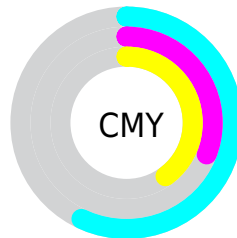
- Red (43%)
- Green (69%)
- Blue (60%)



- Red (43%)
- Yellow (58%)
- Blue (69%)



- Cyan (38%)
- Magenta (0%)
- Yellow (13%)
- Black (31%)



- Cyan (57%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DAF99 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 6DAF99 by changing the saturation by 10% instead.

 6DAF99

 6DAF99

FFFFFF

 53947F

 A3E7CF

 397A66

 BFFFEC

 1D614E

 DBFFFF

 004937

 F8FFFF

 003222

 001F0C

 000000

 6DAF99

 6DAF99

 5CAF93

 7FAF9F

 4AAF8D

 90AFA5

 38AF87

 A2AFAB

 27AF82

 B3AFB0

 15AF7C

 C4AFB6

 04AF76

 D6AFBC

 00AF75

 E8AFC2

 F9AFC8

 FFAFCE

Harmonies

Analogous

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



88AC83



6DAF99



5BAFB2

Triad

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



6DAF99



9B9FCF



CC967F

Complementary

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



6DAF99



AF6D83

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.



D39193



6DAF99



B997C1

Square

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



6DAF99



79A7D1



CC91AB



BB9E73

Rectangle

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



6DAF99



5AAEC0



CC91AB



CF9485

Sweetspot

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



6DAF99



CAE3DB



83AF6D



64736E



F2F2F2



737373

Same Dimension

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



6DAF99



7DE3C1



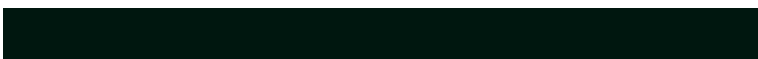
6DA4AF



4E5754



009664



00170F

Inverse Universe

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



AF6D83



E37D9F



AF786D



574E51



960032



170008

Previews

White Background



This preview shows how the Hex color 6DAF99 looks on a white background.

Color Contrast Check

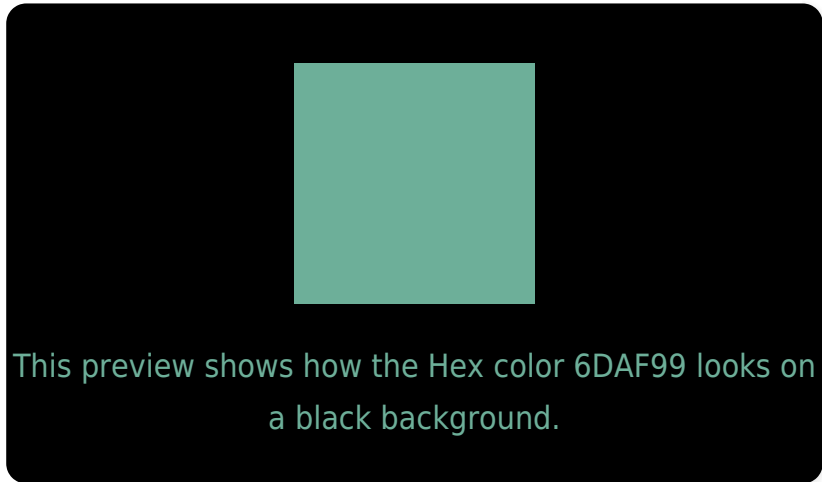
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

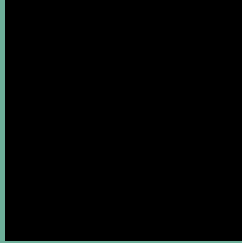
Any Text WCAG AA ✓ Pass

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 6DAF99 Background



This preview shows how black text looks on a background with the Hex color 6DAF99.

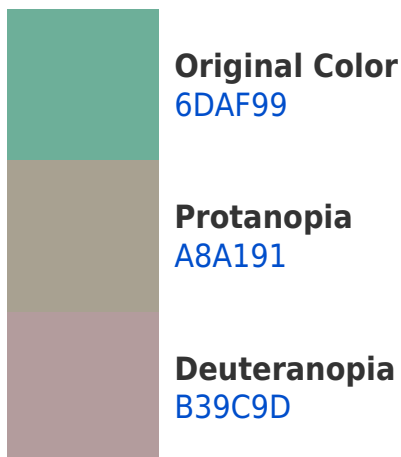


This preview shows how white text looks on a background with the Hex color 6DAF99.

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](#).

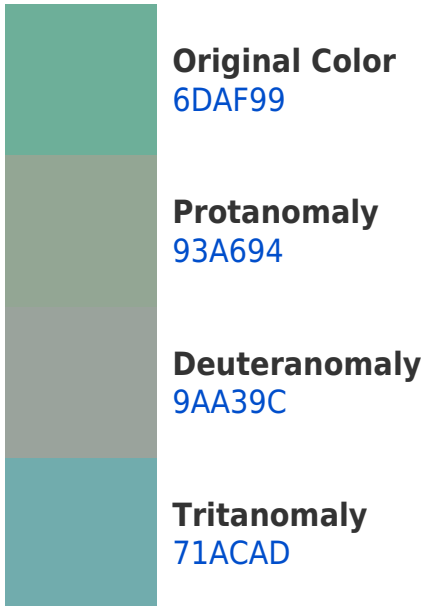
Dichromacy



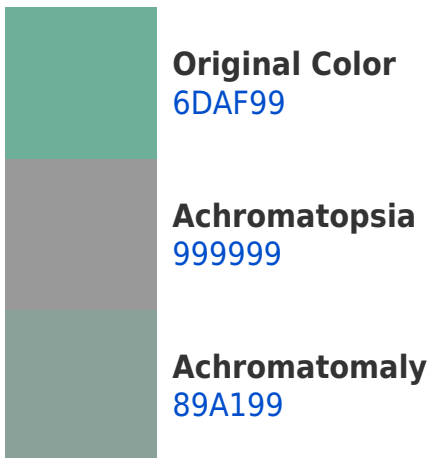


Tritanopia
74ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DAF99 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 #6DAF99 looks like.

```
.text, #text, p{  
    color:#6DAF99  
}
```

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 #6DAF99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DAF99
}
```

Border

The CSS property to change the border of an element to Hex 6DAF99 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
#6DAF99 }
```

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

```
.border{ border-color:#6DAF99 }
```

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

Here you see how a box with a 4 pixel #6DAF99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DAF99; -webkit-box-shadow:4px 4px  
4px 4px #6DAF99; box-shadow:4px 4px 4px  
4px #6DAF99 }
```

Background

The CSS property to change the background color of an element to Hex 6DAF99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DAF99 }
```

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

```
.background{ background-color:#6DAF99 }
```

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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