

Converting Colors

Hex(6DA6C3)

Have a look what the booklet for
Hex(6DA6C3) contains.

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Color

Hex(6DA6C3)

Conversions

Conversions Part 1

Format	Color
Hex	6DA6C3
RGB	109, 166, 195
RGB Percent	43%, 65%, 76%
CMY	0.5725, 0.3490, 0.2353
CMYK	0.44, 0.15, 0.00, 0.24
HSL	200°, 42%, 60%
HSV	200°, 44%, 76%
XYZ	29.7932, 34.4638, 56.7117
YIQ	152.2630, -43.2810, -3.0650

Conversions

Conversions Part 2

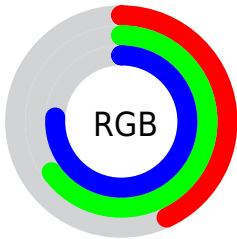
Format	Color
RYB	109, 143, 195
Decimal	7186115
CIELab	65.33, -10.91, -20.69
CIElCh	65, 23.393, 242.207
Yxy	34.4638, 0.2463, 0.2849
Android (android.graphics.Color)	4285376195 (0xFF6DA6C3)
YUV	152.2630, 21.0693, -37.9417
Hunter-Lab	58.7059, -12.1465, -16.1819

Details

The Hex color **6DA6C3** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C38A6D**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **A4DDFC**, and **36728D** is the 20% darker color. If you saturate the color by 10%, you get **5A9FC3**, and if you desaturate by 10%, it is **81ADC3**.

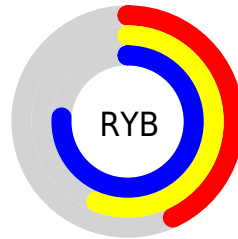
Distribution



Red (43%)

Green (65%)

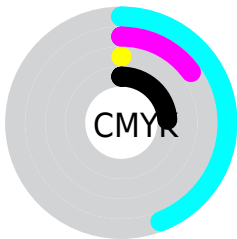
Blue (76%)



Red (43%)

Yellow (56%)

Blue (76%)

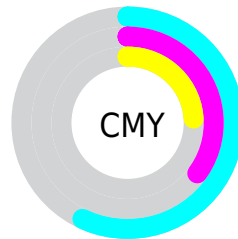


Cyan (44%)

Magenta (15%)

Yellow (0%)

Black (24%)



Cyan (57%)

Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DA6C3 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 6DA6C3 by changing the saturation by 10% instead.



6DA6C3



6DA6C3

FFFFFF



528CA8



A4DDFC



36728D



C0FAFF



165A74



DDFFFF



00425B



FBFFFF



002C43



00182D



000118



000000



6DA6C3



6DA6C3

■ 5A9FC3

■ 81ADC3

■ 4699C3

■ 94B3C3

■ 3292C3

■ A8BAC3

■ 1F8CC3

■ BBC0C3

■ 0C85C3

■ CFC7C3

■ 0081C3

■ E2CDC3

■ F5D4C3

■ FFDBC3

■ FFE1C3

Harmonies

Analogous

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



61AAB4



6DA6C3



87A0C8

Triad

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



6DA6C3



C88F9E



96A47B

Complementary

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



6DA6C3



C38A6D

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.



AD9E75



6DA6C3



C89189

Square

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



6DA6C3



BB92B2



BF977A



7EA98A

Rectangle

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



6DA6C3



9B9BC5



BF977A



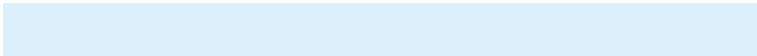
9EA278

Sweetspot

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



6DA6C3



DCF1FC



6DC38A



6B7980



000000



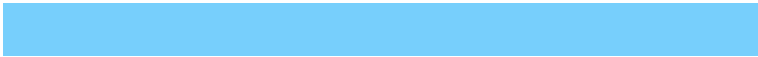
808080

Same Dimension

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



6DA6C3



77CFFC



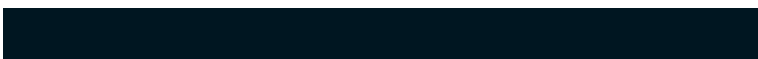
6D7BC3



575E61



006AA1



001621

Inverse Universe

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



C36DA6



FC77CF



C3B56D



61575E



A1006A



210016

Previews

White Background



This preview shows how the Hex color 6DA6C3 looks on a white background.

Color Contrast Check

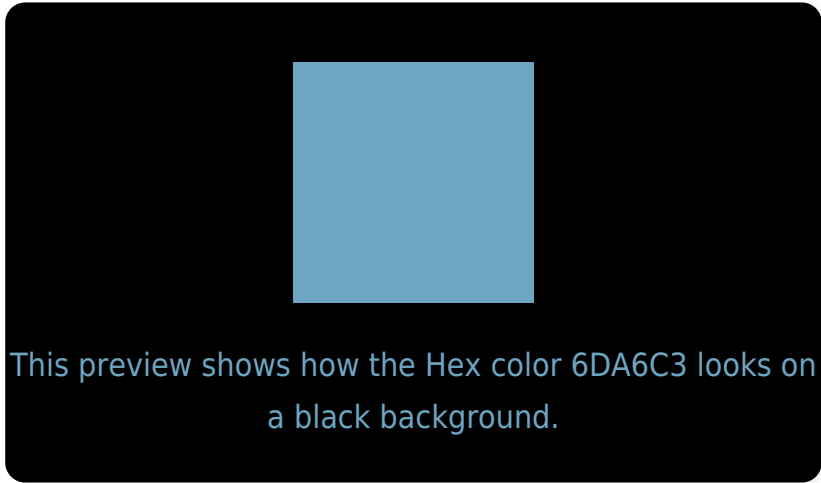
Large Text (above 18pt) WCAG AA × Fail

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

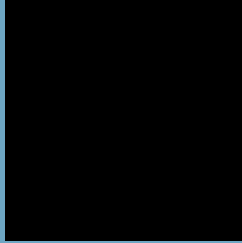
Any Text WCAG AA ✓ Pass

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 6DA6C3 Background



This preview shows how black text looks on a background with the Hex color 6DA6C3.

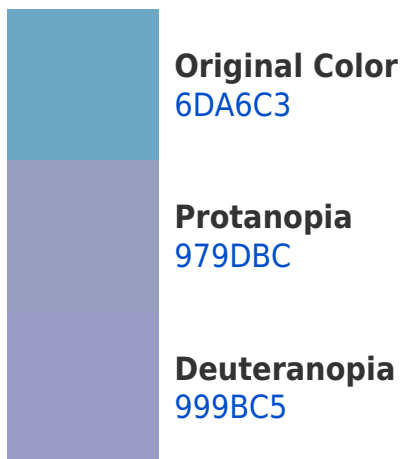


This preview shows how white text looks on a background with the Hex color 6DA6C3.

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](#).

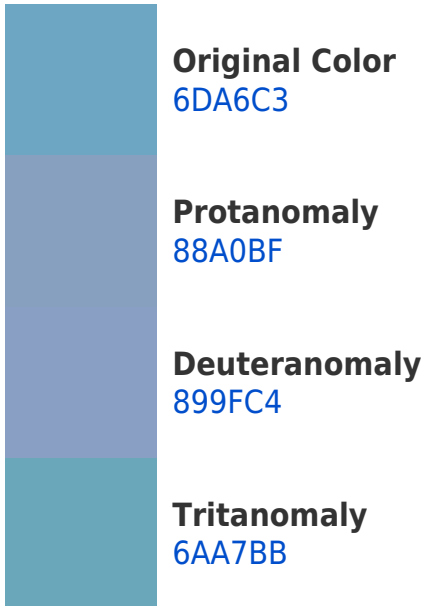
Dichromacy



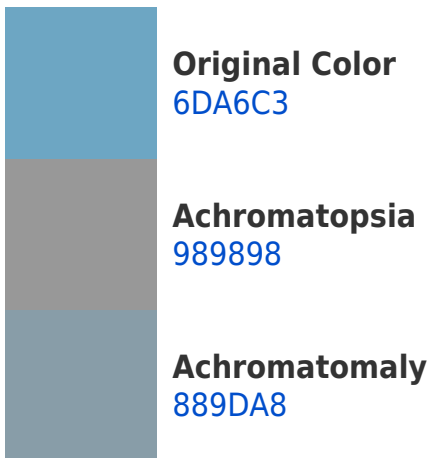


Tritanopia
69A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DA6C3 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 #6DA6C3 looks like.

```
.text, #text, p{  
    color:#6DA6C3  
}
```

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 #6DA6C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA6C3
}
```

Border

The CSS property to change the border of an element to Hex 6DA6C3 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
#6DA6C3 }
```

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

```
.border{ border-color:#6DA6C3 }
```

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

Here you see how a box with a 4 pixel #6DA6C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA6C3; -webkit-box-shadow:4px 4px  
4px 4px #6DA6C3; box-shadow:4px 4px 4px  
4px #6DA6C3 }
```

Background

The CSS property to change the background color of an element to Hex 6DA6C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA6C3 }
```

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

```
.background{ background-color:#6DA6C3 }
```

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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