

Converting Colors

Hex(6DA7B0)

Have a look what the booklet for
Hex(6DA7B0) contains.

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Color

Hex(6DA7B0)

Conversions

Conversions Part 1

Format	Color
Hex	6DA7B0
RGB	109, 167, 176
RGB Percent	43%, 65%, 69%
CMY	0.5725, 0.3451, 0.3098
CMYK	0.38, 0.05, 0.00, 0.31
HSL	188°, 30%, 56%
HSV	188°, 38%, 69%
XYZ	27.9619, 34.0232, 46.1677
YIQ	150.6840, -37.4570, -9.4970

Conversions

Conversions Part 2

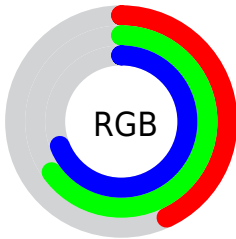
Format	Color
RYB	109, 140, 176
Decimal	7186352
CIELab	64.98, -16.51, -10.63
CIELCh	65, 19.640, 212.769
Yxy	34.0232, 0.2585, 0.3146
Android (android.graphics.Color)	4285376432 (0xFF6DA7B0)
YUV	150.6840, 12.4808, -36.5569
Hunter-Lab	58.3294, -16.5075, -6.0974

Details

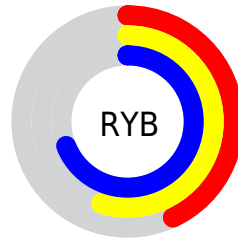
The Hex color **6DA7B0** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B0766D**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **A3DEE8**, and **38737C** is the 20% darker color. If you saturate the color by 10%, you get **5BA5B0**, and if you desaturate by 10%, it is **7FA9B0**.

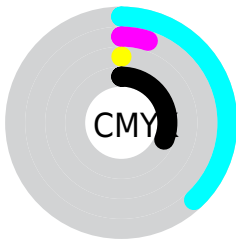
Distribution



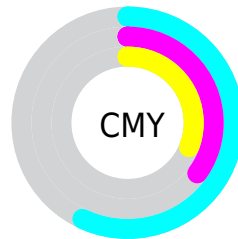
- Red (43%)
- Green (65%)
- Blue (69%)



- Red (43%)
- Yellow (55%)
- Blue (69%)



- Cyan (38%)
- Magenta (5%)
- Yellow (0%)
- Black (31%)



- Cyan (57%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DA7B0 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 6DA7B0 by changing the saturation by 10% instead.

 6DA7B0

 6DA7B0

FFFFFF

 538D95

 A3DEE8

 38737C

 BFFBFF

 1C5A63

 DCFFFF

 00434B

 F9FFFF

 002C34

 00191F

 000005

 000000

 6DA7B0

 6DA7B0

5BA5B0

7FA9B0

4AA2B0

90ACB0

38A0B0

A2AEB0

279EB0

B3B0B0

159BB0

C5B3B0

0399B0

D7B5B0

0098B0

E8B8B0

FABAB0

FFBCB0

Harmonies

Analogous

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



72A89F



6DA7B0



77A4BC

Triad

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



6DA7B0



B694AE



A99D7B

Complementary

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



6DA7B0



B0766D

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.



B9977F



6DA7B0



C1919D

Square

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



6DA7B0



A399BB



C1938B



96A280

Rectangle

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



6DA7B0



84A1C0



C1938B



AF9B7B

Sweetspot

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



6DA7B0



CCE2E6



6DB076



647173



F2F2F2



737373

Same Dimension

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



6DA7B0



7CD7E6



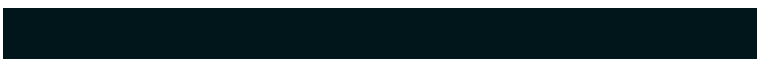
6D86B0



505859



008499



00161A

Inverse Universe

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



B06DA7



E67CD7



B0976D



595058



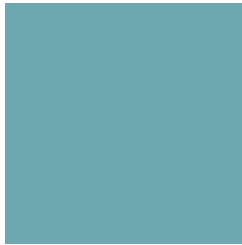
990084



1A0016

Previews

White Background



This preview shows how the Hex color 6DA7B0 looks on a white background.

Color Contrast Check

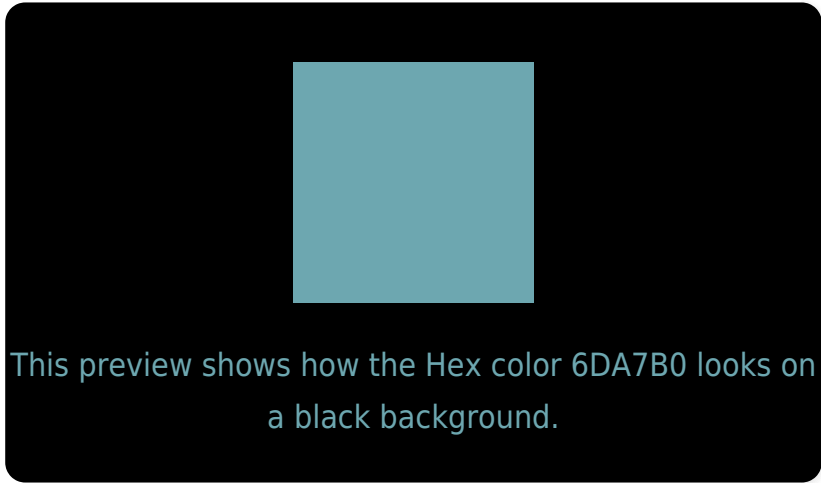
Large Text (above 18pt) WCAG AA × Fail

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

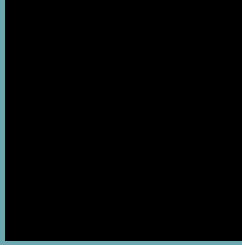
Any Text WCAG AA ✓ Pass

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 6DA7B0 Background



This preview shows how black text looks on a background with the Hex color 6DA7B0.

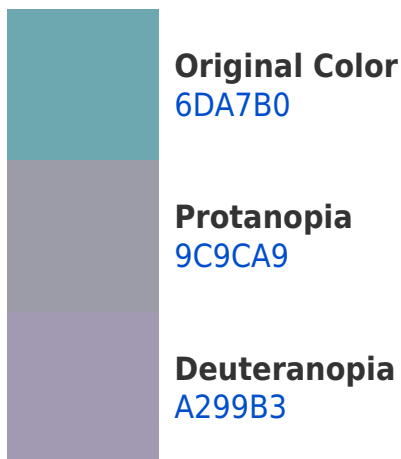


This preview shows how white text looks on a background with the Hex color 6DA7B0.

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](#).

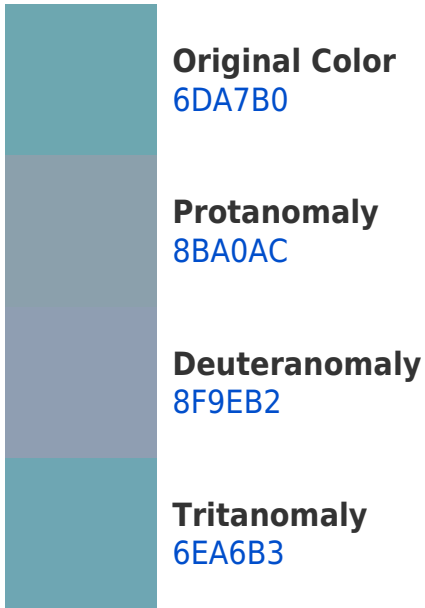
Dichromacy



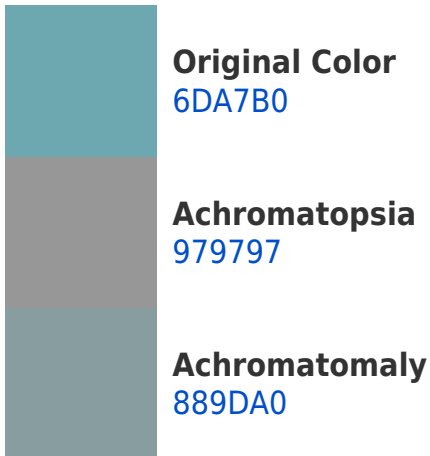


Tritanopia
6EA6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DA7B0 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 #6DA7B0 looks like.

```
.text, #text, p{  
    color:#6DA7B0  
}
```

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 #6DA7B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA7B0
}
```

Border

The CSS property to change the border of an element to Hex 6DA7B0 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
#6DA7B0 }
```

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

```
.border{ border-color:#6DA7B0 }
```

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

Here you see how a box with a 4 pixel #6DA7B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA7B0; -webkit-box-shadow:4px 4px  
4px 4px #6DA7B0; box-shadow:4px 4px 4px  
4px #6DA7B0 }
```

Background

The CSS property to change the background color of an element to Hex 6DA7B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA7B0 }
```

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

```
.background{ background-color:#6DA7B0 }
```

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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