

Converting Colors

Hex(6DA180)

Have a look what the booklet for
Hex(6DA180) contains.

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Color

Hex(6DA180)

Conversions

Conversions Part 1

Format	Color
Hex	6DA180
RGB	109, 161, 128
RGB Percent	43%, 63%, 50%
CMY	0.5725, 0.3686, 0.4980
CMYK	0.32, 0.00, 0.20, 0.37
HSL	142°, 22%, 53%
HSV	142°, 32%, 63%
XYZ	22.9478, 30.2995, 25.0610
YIQ	141.6900, -20.3990, -21.2870

Conversions

Conversions Part 2

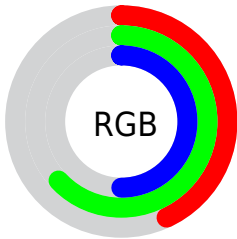
Format	Color
RYB	109, 147, 161
Decimal	7184768
CIELab	61.91, -24.48, 11.76
CIELCh	62, 27.164, 154.339
Yxy	30.2995, 0.2930, 0.3869
Android (android.graphics.Color)	4285374848 (0xFF6DA180)
YUV	141.6900, -6.7492, -28.6691
Hunter-Lab	55.0449, -21.9133, 11.5378

Details

The Hex color **6DA180** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A16D8E**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A2D8B5**, and **3B6D4F** is the 20% darker color. If you saturate the color by 10%, you get **5DA176**, and if you desaturate by 10%, it is **7DA18A**.

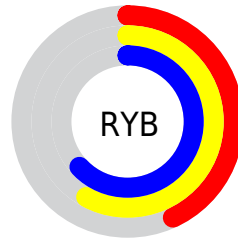
Distribution



Red (43%)

Green (63%)

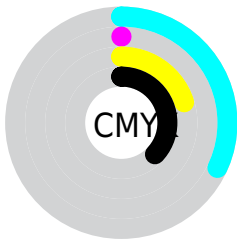
Blue (50%)



Red (43%)

Yellow (58%)

Blue (63%)

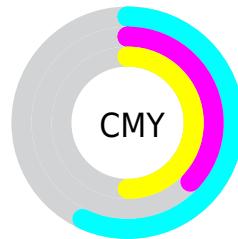


Cyan (32%)

Magenta (0%)

Yellow (20%)

Black (37%)



Cyan (57%)

Magenta (37%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DA180 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 6DA180 by changing the saturation by 10% instead.



6DA180



6DA180

FFFFFF



548767



A2D8B5



3B6D4F



BDF5D0



225438



DAFFED



063D22



F6FFFF



00270D



000D00



000000



6DA180



6DA180



5DA176



7DA18A

■ 4DA16C

■ 8DA194

■ 3DA161

■ 9DA19F

■ 2DA157

■ ADA1A9

■ 1DA14D

■ BEA1B3

■ 0CA143

■ CEA1BD

■ 00A13B

■ DEA1C8

■ EEA1D2

■ FEA1DC

Harmonies

Analogous

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



899C6D



6DA180



53A398

Triad

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



6DA180



7B97C5



C4867C

Complementary

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



6DA180



A16D8E

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.



C48493



6DA180



9E8EBD

Square

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



6DA180



599EC0



B787AB



B88D6B

Rectangle

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



6DA180



49A3A9



B787AB



C68583

Sweetspot

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



6DA180



BCD1C4



8FA16D



5C6961



E8E8E8



696969

Same Dimension

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



6DA180



80D19D



6DA199



49524C



009135



001207

Inverse Universe

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



A16D8E



D180B3



A16D75



52494F



91005C



12000B

Previews

White Background



This preview shows how the Hex color 6DA180 looks on a white background.

Color Contrast Check

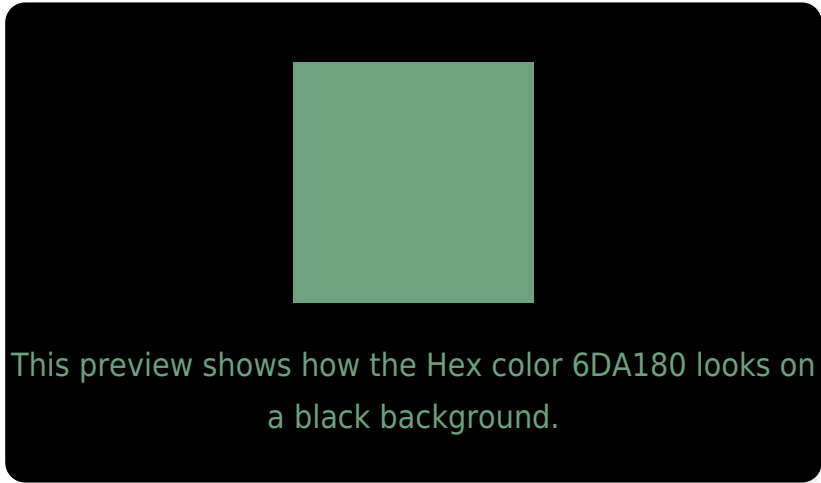
Large Text (above 18pt) WCAG AA × Fail

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

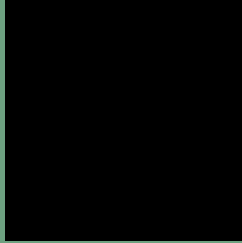
Any Text WCAG AA ✓ Pass

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 6DA180 Background



This preview shows how black text looks on a background with the Hex color 6DA180.

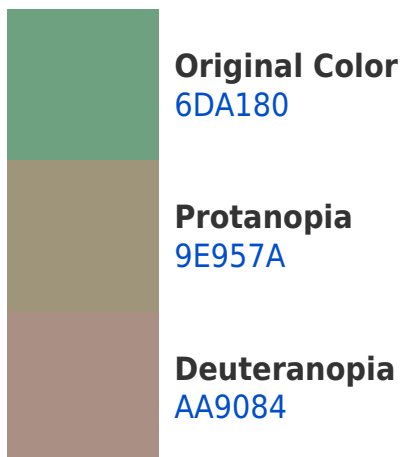


This preview shows how white text looks on a background with the Hex color 6DA180.

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](#).

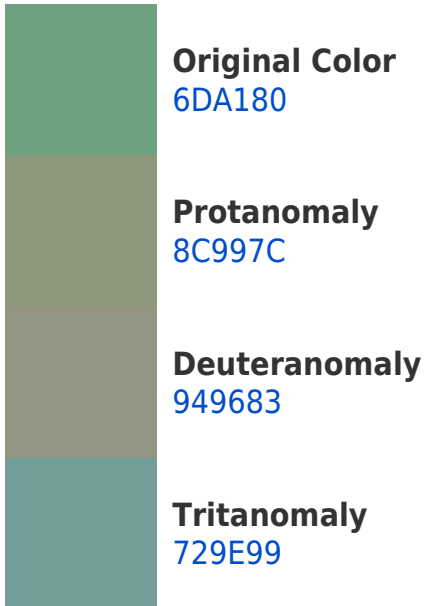
Dichromacy



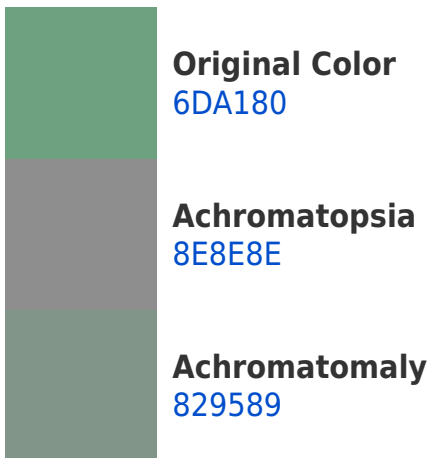


Tritanopia
759CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DA180 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 #6DA180 looks like.

```
.text, #text, p{  
    color:#6DA180  
}
```

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 #6DA180 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA180
}
```

Border

The CSS property to change the border of an element to Hex 6DA180 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
#6DA180 }
```

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

```
.border{ border-color:#6DA180 }
```

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

Here you see how a box with a 4 pixel #6DA180 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA180; -webkit-box-shadow:4px 4px  
4px 4px #6DA180; box-shadow:4px 4px 4px  
4px #6DA180 }
```

Background

The CSS property to change the background color of an element to Hex 6DA180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA180 }
```

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

```
.background{ background-color:#6DA180 }
```

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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