

Converting Colors

Hex(6DAFB6)

Have a look what the booklet for
Hex(6DAFB6) contains.

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Color

Hex(6DAFB6)

Conversions

Conversions Part 1

Format	Color
Hex	6DAFB6
RGB	109, 175, 182
RGB Percent	43%, 69%, 71%
CMY	0.5725, 0.3137, 0.2863
CMYK	0.40, 0.04, 0.00, 0.29
HSL	186°, 33%, 57%
HSV	186°, 40%, 71%
XYZ	30.0801, 37.2886, 49.8680
YIQ	156.0640, -41.5830, -11.8150

Conversions

Conversions Part 2

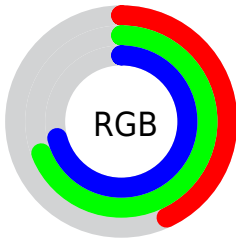
Format	Color
RYB	109, 144, 182
Decimal	7188406
CIELab	67.49, -19.15, -10.21
CIELCh	67, 21.701, 208.069
Yxy	37.2886, 0.2566, 0.3181
Android (android.graphics.Color)	4285378486 (0xFF6DAFB6)
YUV	156.0640, 12.7864, -41.2751
Hunter-Lab	61.0644, -18.9340, -5.6739

Details

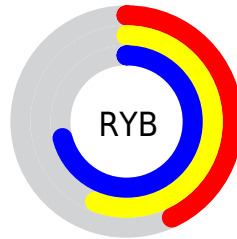
The Hex color **6DAFB6** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B6746D**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **A4E7EE**, and **377A81** is the 20% darker color. If you saturate the color by 10%, you get **5BADB6**, and if you desaturate by 10%, it is **7FB1B6**.

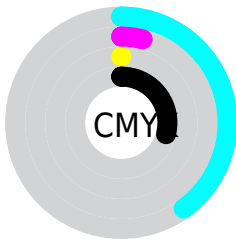
Distribution



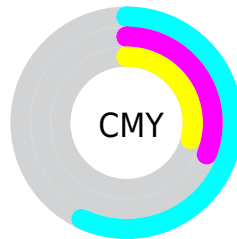
- Red (43%)
- Green (69%)
- Blue (71%)



- Red (43%)
- Yellow (56%)
- Blue (71%)



- Cyan (40%)
- Magenta (4%)
- Yellow (0%)
- Black (29%)



- Cyan (57%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DAFB6 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 6DAFB6 by changing the saturation by 10% instead.

 6DAFB6

 6DAFB6

FFFFFF

 52949B

 A4E7EE

 377A81

 C0FFFF

 186168

 DDFFFF

 004950

 FAFFFF

 003239

 001E24

 00010E

 000000

 6DAFB6

 6DAFB6

5BADB6

7FB1B6

49ACB6

91B2B6

36AAB6

A4B4B6

24A8B6

B6B6B6

12A6B6

C8B8B6

00A5B6

DAB9B6

ECBBB6

FFBDB6

FFBFB6

Harmonies

Analogous

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



76AFA2



6DAFB6



75ACC5

Triad

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



6DAFB6



BD9AB9



B4A37D

Complementary

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



6DAFB6



B6746D

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.



C49C84



6DAFB6



CA97A6

Square

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



6DAFB6



A6A0C7



CC9893



9FA982

Rectangle

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



6DAFB6



83A9CA



CC9893



BAA07E

Sweetspot

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



6DAFB6



D1EAED



6DB673



677678



F7F7F7



787878

Same Dimension

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



6DAFB6



7BE2ED



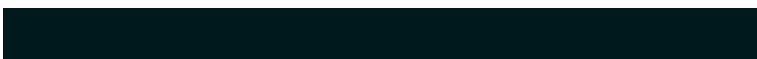
6D8BB6



535B5C



008D9C



00191C

Inverse Universe

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



B66DAF



ED7BE2



B6986D



5C535B



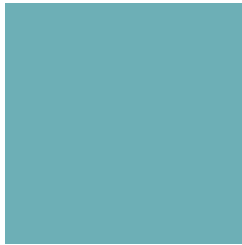
9C008D



1C0019

Previews

White Background



This preview shows how the Hex color 6DAFB6 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 6DAFB6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

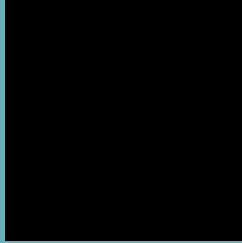
Any Text WCAG AA ✓ Pass

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 6DAFB6 Background



This preview shows how black text looks on a background with the Hex color 6DAFB6.

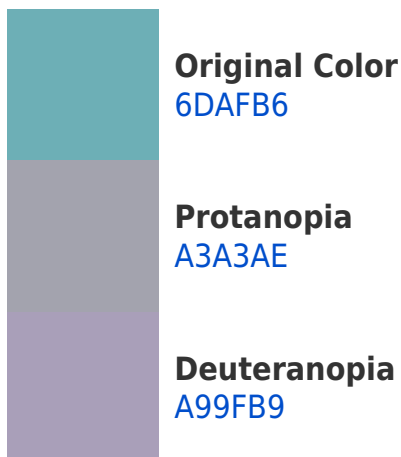


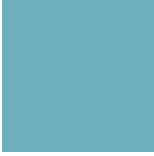
This preview shows how white text looks on a background with the Hex color 6DAFB6.

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
6FAEBC

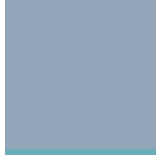
Trichromacy



Original Color
6DAFB6



Protanomaly
8FA7B1



Deuteranomaly
93A5B8



Tritanomaly
6EAEBA

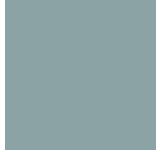
Monochromacy



Original Color
6DAFB6



Achromatopsia
9C9C9C



Achromatomaly
8BA3A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DAFB6 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 #6DAFB6 looks like.

```
.text, #text, p{  
    color:#6DAFB6  
}
```

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 #6DAFB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DAFB6
}
```

Border

The CSS property to change the border of an element to Hex 6DAFB6 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
#6DAFB6 }
```

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

```
.border{ border-color:#6DAFB6 }
```

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

Here you see how a box with a 4 pixel #6DAFB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DAFB6; -webkit-box-shadow:4px 4px  
4px 4px #6DAFB6; box-shadow:4px 4px 4px  
4px #6DAFB6 }
```

Background

The CSS property to change the background color of an element to Hex 6DAFB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DAFB6 }
```

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

```
.background{ background-color:#6DAFB6 }
```

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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