

Converting Colors

Hex(6CAFA6)

Have a look what the booklet for
Hex(6CAFA6) contains.

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Color

Hex(6CAFA6)

Conversions

Conversions Part 1

Format	Color
Hex	6CAFA6
RGB	108, 175, 166
RGB Percent	42%, 69%, 65%
CMY	0.5765, 0.3137, 0.3490
CMYK	0.38, 0.00, 0.05, 0.31
HSL	172°, 30%, 55%
HSV	172°, 38%, 69%
XYZ	28.3972, 36.6013, 41.6445
YIQ	153.9410, -37.0430, -17.0030

Conversions

Conversions Part 2

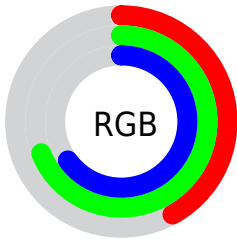
Format	Color
RYB	108, 144, 175
Decimal	7122854
CIELab	66.98, -23.40, -2.11
CIELCh	67, 23.495, 185.159
Yxy	36.6013, 0.2663, 0.3432
Android (android.graphics.Color)	4285312934 (0xFF6CAFA6)
YUV	153.9410, 5.9451, -40.2903
Hunter-Lab	60.4990, -22.0882, 1.5370

Details

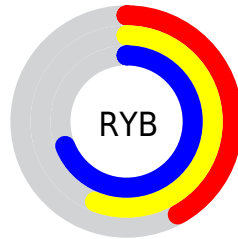
The Hex color **6CAFA6** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AF6C75**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A2E7DD**, and **377A72** is the 20% darker color. If you saturate the color by 10%, you get **5BAFA4**, and if you desaturate by 10%, it is **7EAFA8**.

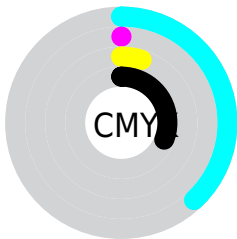
Distribution



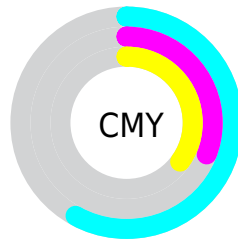
- Red (42%)
- Green (69%)
- Blue (65%)



- Red (42%)
- Yellow (56%)
- Blue (69%)



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



- Cyan (58%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CAFA6 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 6CAFA6 by changing the saturation by 10% instead.



6CAFA6



6CAFA6

FFFFFF



52948C



A2E7DD



377A72



BEFFFA



1A615A



DBFFFF



004942



F8FFFF



00322C



001E18



000000



6CAFA6



6CAFA6



5BAFA4



7EAF8

49AFA1

8FAFAB

37AF9F

A1AFAD

26AF9D

B2AFAF

14AF9A

C3AFB2

03AF98

D5AFB4

00AF97

E7AFB6

F8AFB9

FFAFBB

Harmonies

Analogous

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



80AD91



6CAFA6



66AEBB

Triad

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



6CAFA6



AB9CC6



C29C7D

Complementary

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



6CAFA6



AF6C75

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.



CD968C



6CAFA6



C196B5

Square

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



6CAFA6



8EA4CD



CD94A0



AFA379

Rectangle

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



6CAFA6



6DACC5



CD94A0



C69981

Sweetspot

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



6CAFA6



CAE3E0



76AF6C



647371



F2F2F2



737373

Same Dimension

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



6CAFA6



7BE3D5



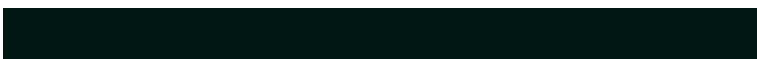
6C98AF



4E5756



009682



001714

Inverse Universe

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



AF6C75



E37B89



AF836C



574E4F



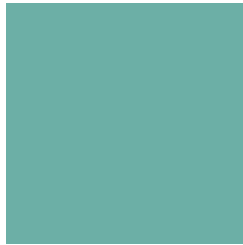
960014



170003

Previews

White Background



This preview shows how the Hex color 6CAFA6 looks on a white background.

Color Contrast Check

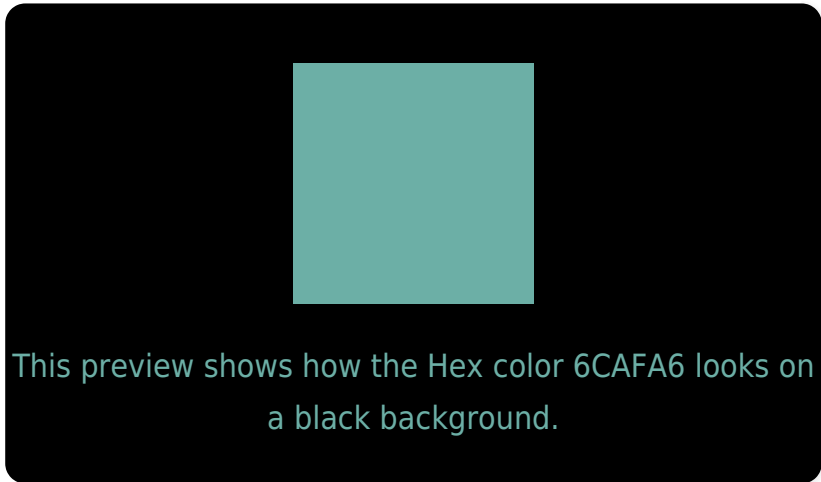
Large Text (above 18pt) WCAG AA × Fail

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

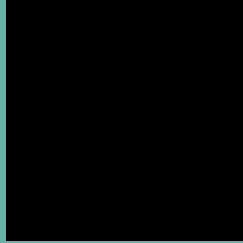
Any Text WCAG AA ✓ Pass

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 6CAFA6 Background



This preview shows how black text looks on a background with the Hex color 6CAFA6.

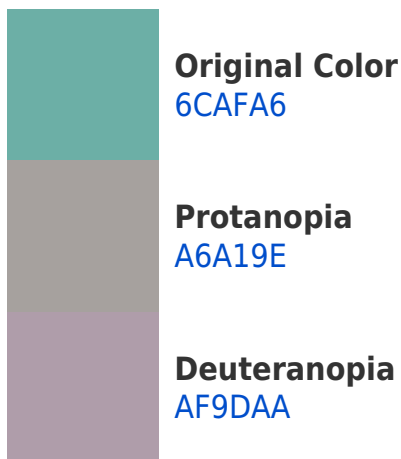


This preview shows how white text looks on a background with the Hex color 6CAFA6.

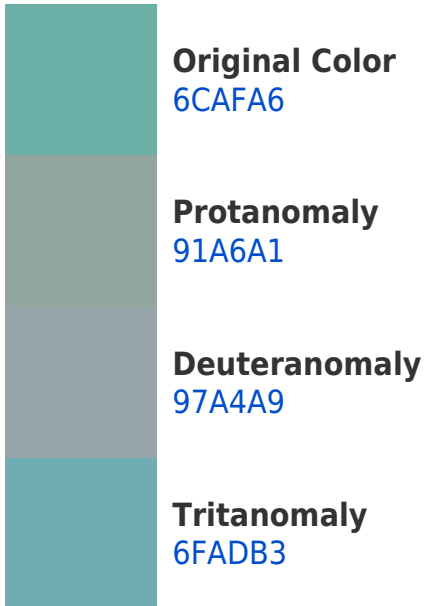
Color Blindness Simulation

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](#).

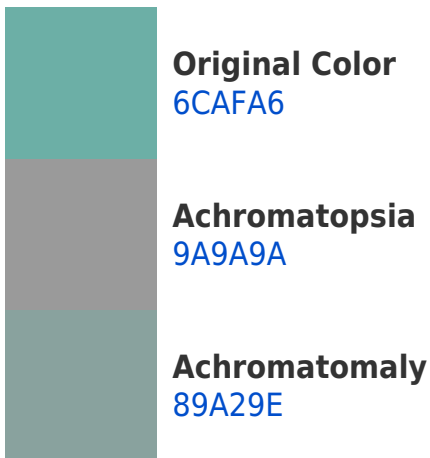
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CAFA6 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 #6CAFA6 looks like.

```
.text, #text, p{  
    color:#6CAFA6  
}
```

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 #6CAFA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CAFA6  
}
```

Border

The CSS property to change the border of an element to Hex 6CAFA6 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  
#6CAFA6 }
```

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

```
.border{ border-color:#6CAFA6 }
```

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

Here you see how a box with a 4 pixel #6CAFA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CAFA6; -webkit-box-shadow:4px 4px  
4px 4px #6CAFA6; box-shadow:4px 4px 4px  
4px #6CAFA6 }
```

Background

The CSS property to change the background color of an element to Hex 6CAFA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CAFA6 }
```

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

```
.background{ background-color:#6CAFA6 }
```

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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