

Converting Colors

Hex(6DC96F)

Have a look what the booklet for
Hex(6DC96F) contains.

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Color

Hex(6DC96F)

Conversions

Conversions Part 1

Format	Color
Hex	6DC96F
RGB	109, 201, 111
RGB Percent	43%, 79%, 44%
CMY	0.5725, 0.2118, 0.5647
CMYK	0.46, 0.00, 0.45, 0.21
HSL	121°, 46%, 61%
HSV	121°, 46%, 79%
XYZ	30.0626, 46.1722, 22.3666
YIQ	163.2320, -25.9420, -47.4940

Conversions

Conversions Part 2

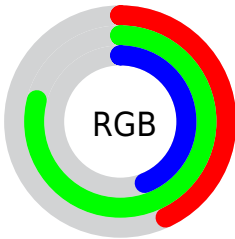
Format	Color
RYB	109, 199, 201
Decimal	7194991
CIELab	73.66, -45.78, 36.57
CIELCh	74, 58.599, 141.381
Yxy	46.1722, 0.3049, 0.4683
Android (android.graphics.Color)	4285385071 (0xFF6DC96F)
YUV	163.2320, -25.7504, -47.5615
Hunter-Lab	67.9501, -39.9406, 28.0491

Details

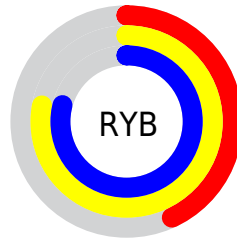
The Hex color **6DC96F** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C96DC7**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **A5FFA4**, and **33923D** is the 20% darker color. If you saturate the color by 10%, you get **59C95B**, and if you desaturate by 10%, it is **81C983**.

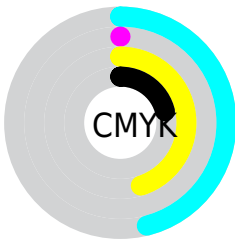
Distribution



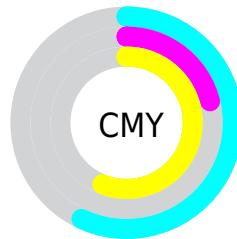
- Red (43%)
- Green (79%)
- Blue (44%)



- Red (43%)
- Yellow (78%)
- Blue (79%)



- Cyan (46%)
- Magenta (0%)
- Yellow (45%)
- Black (21%)



- Cyan (57%)
- Magenta (21%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DC96F 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 6DC96F by changing the saturation by 10% instead.



6DC96F



6DC96F

FFFFFF



51AD56



A5FFA4



33923D



C2FFBF



0C7825



DFFFDC



005E0A



FDFFF8



004600



002F00



001500



000000



6DC96F



6DC96F

 59C95B

 81C983

 45C948

 95C996

 31C934

 A9C9AA

 1DC920

 BDC9BE

 08C90D

 D2C9D1

 00C904

 E6C9E5

 FAC9F9

 FFC9FF

Harmonies

Analogous

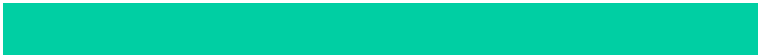
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AEBE4B



6DC96F



00CFA3

Triad

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



6DC96F



00BFFF



FF8891

Complementary

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



6DC96F



C96DC7

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.



FF87C7



6DC96F



9EADFF

Square

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



6DC96F



00CBFF



E897F9



FF9862

Rectangle

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



6DC96F



00D0C8



E897F9



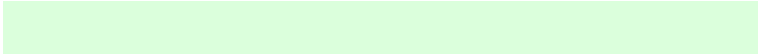
FF86A2

Sweetspot

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



6DC96F



DBFFDC



C7C96D



6A806A



000000



808080

Same Dimension

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



6DC96F



73FF76



6DC99D



5A635A



00A304



002401

Inverse Universe

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



C96DC7



FF73FC



C96D99



635A63



A300A0



240023

Previews

White Background



This preview shows how the Hex color 6DC96F looks on a white background.

Color Contrast Check

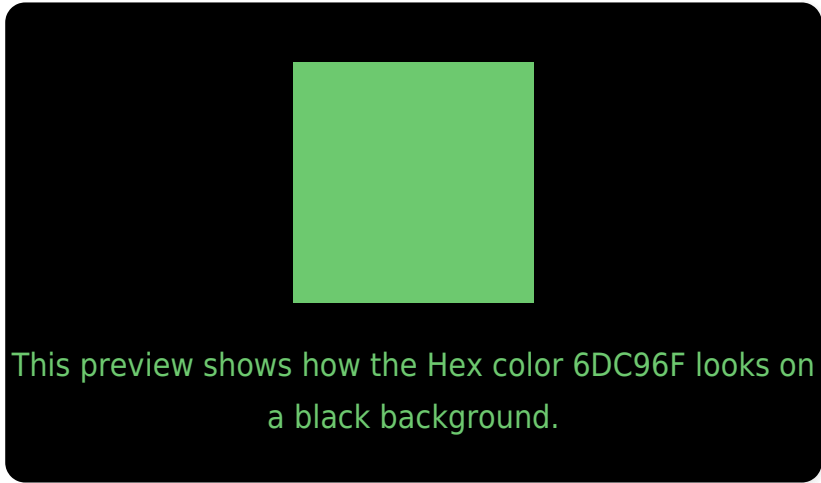
Large Text (above 18pt) WCAG AA × Fail

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 6DC96F Background



This preview shows how black text looks on a background with the Hex color 6DC96F.

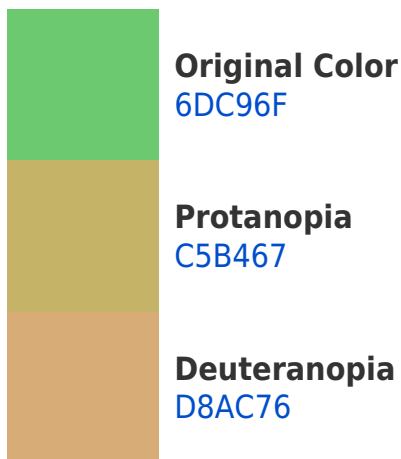


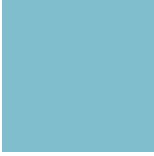
This preview shows how white text looks on a background with the Hex color 6DC96F.

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](#).

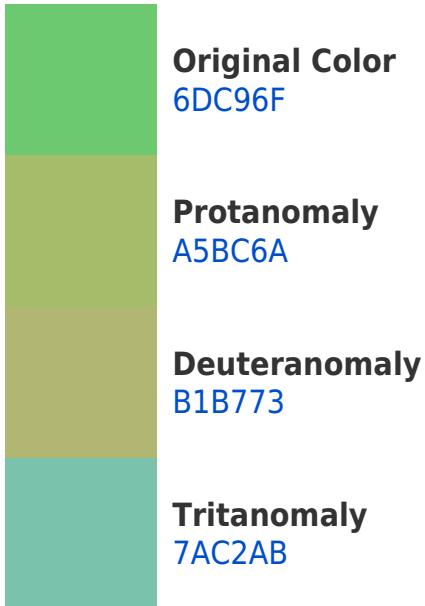
Dichromacy



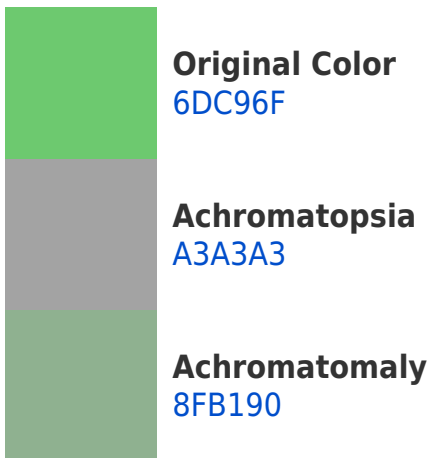


Tritanopia
81BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DC96F 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 #6DC96F looks like.

```
.text, #text, p{  
    color:#6DC96F  
}
```

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 #6DC96F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DC96F
}
```

Border

The CSS property to change the border of an element to Hex 6DC96F 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
#6DC96F }
```

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

```
.border{ border-color:#6DC96F }
```

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

Here you see how a box with a 4 pixel #6DC96F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DC96F; -webkit-box-shadow:4px 4px  
4px 4px #6DC96F; box-shadow:4px 4px 4px  
4px #6DC96F }
```

Background

The CSS property to change the background color of an element to Hex 6DC96F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DC96F }
```

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

```
.background{ background-color:#6DC96F }
```

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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