

Converting Colors

Hex(6DC56C)

Have a look what the booklet for
Hex(6DC56C) contains.

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Color

Hex(6DC56C)

Conversions

Conversions Part 1

Format	Color
Hex	6DC56C
RGB	109, 197, 108
RGB Percent	43%, 77%, 42%
CMY	0.5725, 0.2275, 0.5765
CMYK	0.45, 0.00, 0.45, 0.23
HSL	119°, 43%, 60%
HSV	119°, 45%, 77%
XYZ	28.9797, 44.2664, 21.2042
YIQ	160.5420, -23.8790, -46.3350

Conversions

Conversions Part 2

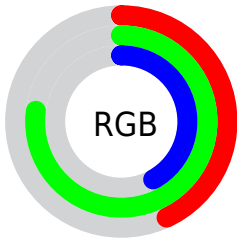
Format	Color
RYB	108, 197, 196
Decimal	7193964
CIELab	72.41, -44.53, 36.50
CIELCh	72, 57.578, 140.663
Yxy	44.2664, 0.3068, 0.4687
Android (android.graphics.Color)	4285384044 (0xFF6DC56C)
YUV	160.5420, -25.9032, -45.2023
Hunter-Lab	66.5330, -38.6838, 27.6772

Details

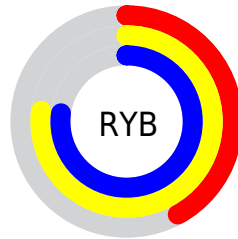
The Hex color **6DC56C** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C46CC5**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **A5FEA1**, and **348E3A** is the 20% darker color. If you saturate the color by 10%, you get **5AC558**, and if you desaturate by 10%, it is **80C580**.

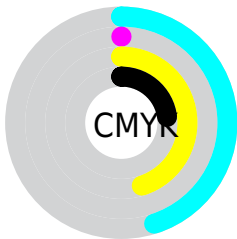
Distribution



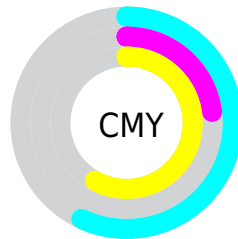
- Red (43%)
- Green (77%)
- Blue (42%)



- Red (42%)
- Yellow (77%)
- Blue (77%)



- Cyan (45%)
- Magenta (0%)
- Yellow (45%)
- Black (23%)



- Cyan (57%)
- Magenta (23%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DC56C 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 6DC56C by changing the saturation by 10% instead.

 6DC56C

 6DC56C

FFFFFF

 51A953

 A5FEA1

 348E3A

 C1FFBC

 107422

 DFFFD8

 005B06

 FCFFF5

 004200

 002C00

 001000

 000000

 6DC56C

 6DC56C

 5AC558

 80C580

 46C545

 94C593

 33C531

 A7C5A7

 1FC51D

 BBC5BB

 0CC509

 CEC5CF

 02C500

 E2C5E2

 F5C5F6

 FFC5FF

Harmonies

Analogous

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



ACBA49



6DC56C



00CB9F

Triad

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



6DC56C



00BCFF



FF868F

Complementary

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



6DC56C



C46CC5

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.



FF85C4



6DC56C



99AAFF

Square

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



6DC56C



00C7FF



E295F5



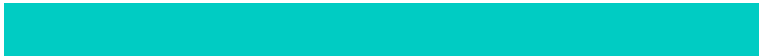
FF9562

Rectangle

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



6DC56C



00CCC3



E295F5



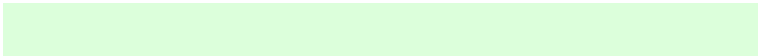
FF84A1

Sweetspot

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



6DC56C



DCFFDB



C5C46C



6A806A



000000



808080

Same Dimension

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



6DC56C



77FF75



6CC597



5A635A



02A300



002400

Inverse Universe

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



C46CC5



FD75FF



C56C9A



635A63



A100A3



230024

Previews

White Background



This preview shows how the Hex color 6DC56C looks on a white background.

Color Contrast Check

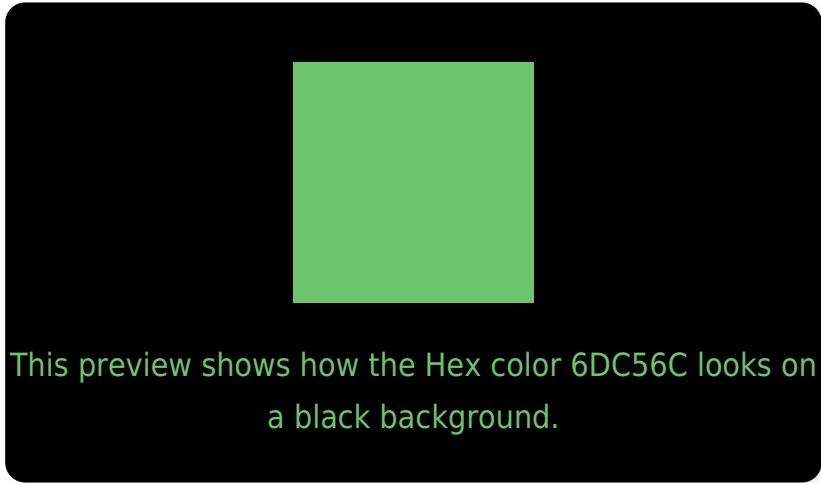
Large Text (above 18pt) WCAG AA × Fail

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 6DC56C Background



This preview shows how black text looks on a background with the Hex color 6DC56C.

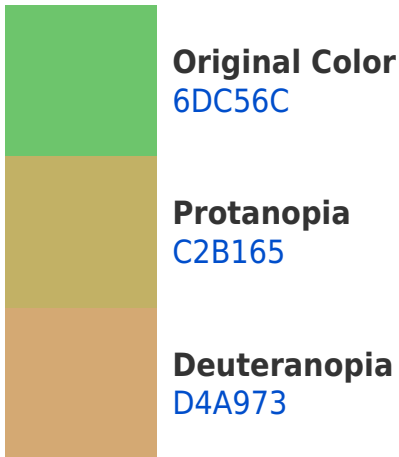


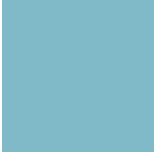
This preview shows how white text looks on a background with the Hex color 6DC56C.

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](#).

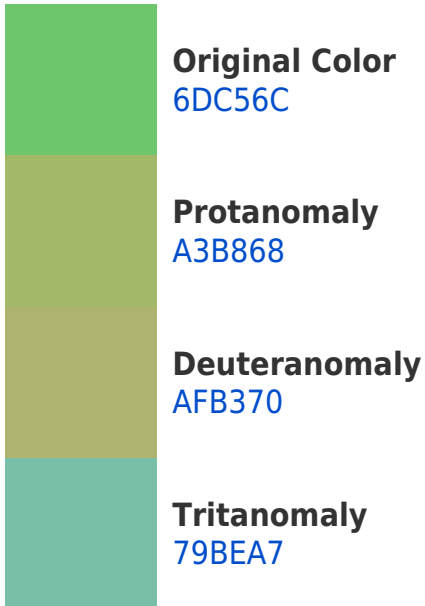
Dichromacy



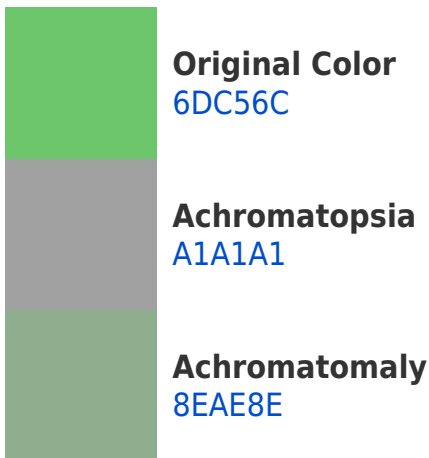


Tritanopia
80BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DC56C 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 #6DC56C looks like.

```
.text, #text, p{  
    color:#6DC56C  
}
```

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 #6DC56C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DC56C
}
```

Border

The CSS property to change the border of an element to Hex 6DC56C 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
#6DC56C }
```

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

```
.border{ border-color:#6DC56C }
```

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

Here you see how a box with a 4 pixel #6DC56C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DC56C; -webkit-box-shadow:4px 4px  
4px 4px #6DC56C; box-shadow:4px 4px 4px  
4px #6DC56C }
```

Background

The CSS property to change the background color of an element to Hex 6DC56C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DC56C }
```

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

```
.background{ background-color:#6DC56C }
```

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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