

Converting Colors

Hex(6DCB63)

Have a look what the booklet for
Hex(6DCB63) contains.

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Color

Hex(6DCB63)

Conversions

Conversions Part 1

Format	Color
Hex	6DCB63
RGB	109, 203, 99
RGB Percent	43%, 80%, 39%
CMY	0.5725, 0.2039, 0.6118
CMYK	0.46, 0.00, 0.51, 0.20
HSL	114°, 50%, 59%
HSV	114°, 51%, 80%
XYZ	29.9147, 46.8639, 19.2734
YIQ	163.0380, -22.6400, -52.2720

Conversions

Conversions Part 2

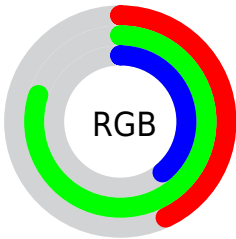
Format	Color
RYB	99, 203, 193
Decimal	7195491
CIELab	74.10, -48.26, 43.05
CIELCh	74, 64.676, 138.265
Yxy	46.8639, 0.3114, 0.4879
Android (android.graphics.Color)	4285385571 (0xFF6DCB63)
YUV	163.0380, -31.5707, -47.3913
Hunter-Lab	68.4572, -41.7985, 31.2276

Details

The Hex color **6DCB63** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C163CB**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **A6FF98**, and **329430** is the 20% darker color. If you saturate the color by 10%, you get **5BCB4F**, and if you desaturate by 10%, it is **7FCB77**.

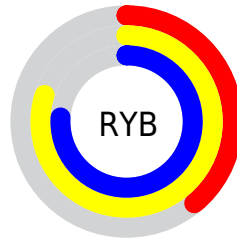
Distribution



Red (43%)

Green (80%)

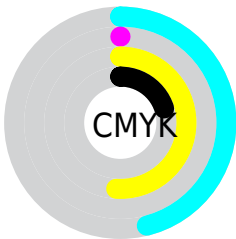
Blue (39%)



Red (39%)

Yellow (80%)

Blue (76%)

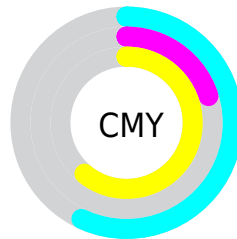


Cyan (46%)

Magenta (0%)

Yellow (51%)

Black (20%)



Cyan (57%)

Magenta (20%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DCB63 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 6DCB63 by changing the saturation by 10% instead.

 6DCB63

 6DCB63

FFFFFF

 50AF49

 A6FF98

 329430

 C3FFB3

 067A15

 E0FFCF

 006000

 FEF FEC

 004700

 003000

 001700

 000000

 6DCB63

 6DCB63

 5BCB4F

 7FCB77

 48CB3A

 92CB8C

 36CB26

 A4CBA0

 24CB12

 B6CBB4

 14CB00

 C9CBC9

 DBCBDD

 EDCBF1

 FFCBFF

Harmonies

Analogous

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



B3BE3C



6DCB63



00D29C

Triad

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



6DCB63



00C4FF



FF8294

Complementary

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



6DCB63



C163CB

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.



FF83D0



6DCB63



8EB0FF

Square

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



6DCB63



00CFFF



E797FF



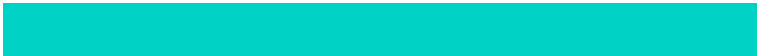
FF945F

Rectangle

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



6DCB63



00D3C5



E797FF



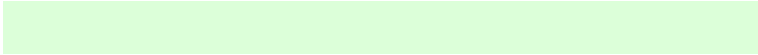
FF80A8

Sweetspot

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



6DCB63



DCFFD9



CBC163



6B8069



000000



808080

Same Dimension

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



6DCB63



72FF63



63CB8D



5D665C



10A600



042600

Inverse Universe

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



C163CB



F063FF



CB63A1



655C66



9600A6



230026

Previews

White Background



This preview shows how the Hex color 6DCB63 looks on a white background.

Color Contrast Check

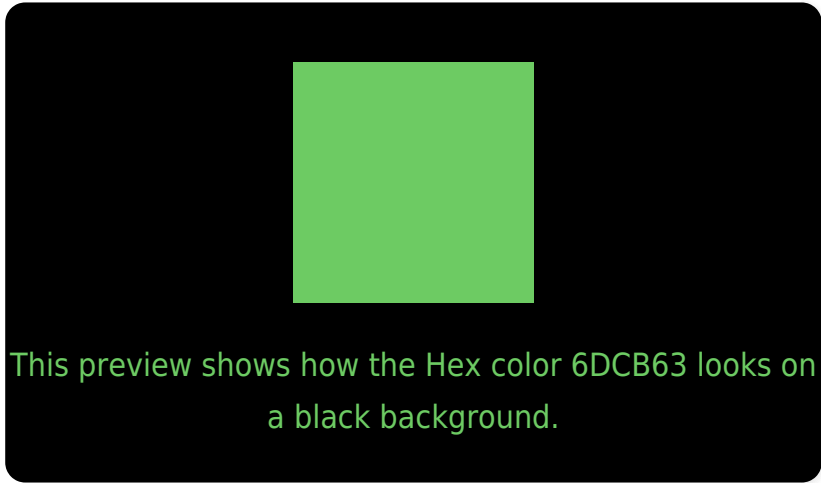
Large Text (above 18pt) WCAG AA × Fail

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 6DCB63 Background



This preview shows how black text looks on a background with the Hex color 6DCB63.

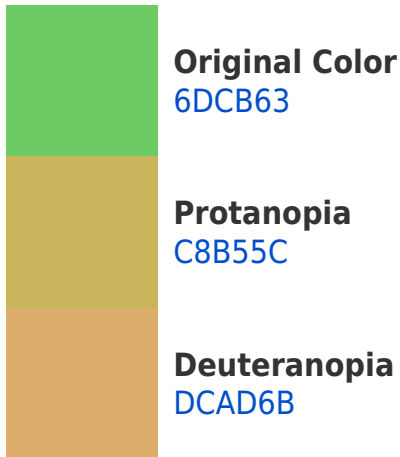


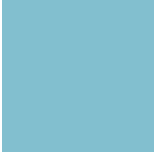
This preview shows how white text looks on a background with the Hex color 6DCB63.

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
82BFCF

Trichromacy



Original Color
6DCB63



Protanomaly
A7BD5F



Deuteranomaly
B4B868

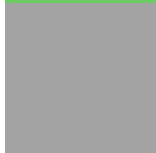


Tritanomaly
7AC3A8

Monochromacy



Original Color
6DCB63



Achromatopsia
A3A3A3



Achromatomaly
8FB28C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DCB63 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 #6DCB63 looks like.

```
.text, #text, p{  
    color:#6DCB63  
}
```

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 #6DCB63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DCB63
}
```

Border

The CSS property to change the border of an element to Hex 6DCB63 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
#6DCB63 }
```

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

```
.border{ border-color:#6DCB63 }
```

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

Here you see how a box with a 4 pixel #6DCB63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DCB63; -webkit-box-shadow:4px 4px  
4px 4px #6DCB63; box-shadow:4px 4px 4px  
4px #6DCB63 }
```

Background

The CSS property to change the background color of an element to Hex 6DCB63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DCB63 }
```

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

```
.background{ background-color:#6DCB63 }
```

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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