

Converting Colors

Hex(6DB86C)

Have a look what the booklet for
Hex(6DB86C) contains.

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Color

Hex(6DB86C)

Conversions

Conversions Part 1

Format	Color
Hex	6DB86C
RGB	109, 184, 108
RGB Percent	43%, 72%, 42%
CMY	0.5725, 0.2784, 0.5765
CMYK	0.41, 0.00, 0.41, 0.28
HSL	119°, 35%, 57%
HSV	119°, 41%, 72%
XYZ	26.1539, 38.6149, 20.2623
YIQ	152.9110, -20.3040, -39.5360

Conversions

Conversions Part 2

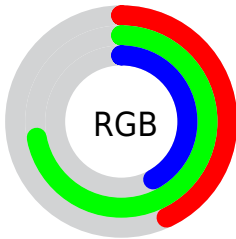
Format	Color
RYB	108, 184, 183
Decimal	7190636
CIELab	68.47, -38.89, 31.46
CIELCh	68, 50.016, 141.030
Yxy	38.6149, 0.3076, 0.4541
Android (android.graphics.Color)	4285380716 (0xFF6DB86C)
YUV	152.9110, -22.1411, -38.5099
Hunter-Lab	62.1409, -33.6192, 24.1659

Details

The Hex color **6DB86C** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B76CB8**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **A4F1A0**, and **37823B** is the 20% darker color. If you saturate the color by 10%, you get **5BB85A**, and if you desaturate by 10%, it is **7FB87E**.

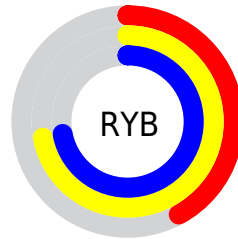
Distribution



Red (43%)

Green (72%)

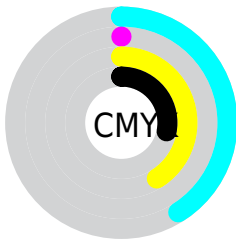
Blue (42%)



Red (42%)

Yellow (72%)

Blue (72%)

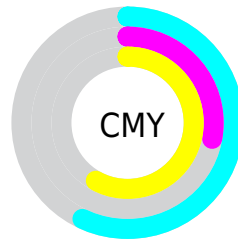


Cyan (41%)

Magenta (0%)

Yellow (41%)

Black (28%)



Cyan (57%)

Magenta (28%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DB86C 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 6DB86C by changing the saturation by 10% instead.

 6DB86C

 6DB86C

FFFFFF

 529D53

 A4F1A0

 37823B

 C0FFBC

 196923

 DDFFD8

 00500B

 FAFFF4

 003800

 002400

 000000

 6DB86C

 6DB86C

 5BB85A

 7FB87E

 49B847

 91B891

 37B835

 A3B8A3

 24B822

 B6B8B6

 12B810

 C8B8C8

 02B800

 DAB8DA

 ECB8ED

 FEB8FF

 FFB8FF

Harmonies

Analogous

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



A2AE4F



6DB86C



00BD97

Triad

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



6DB86C



24B0FF



FC8389

Complementary

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



6DB86C



B76CB8

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.



F482B7



6DB86C



94A0FB

Square

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



6DB86C



00BAEC



D28FE0



ED8F62

Rectangle

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



6DB86C



00BEB7



D28FE0



FC8198

Sweetspot

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



6DB86C



D3F0D3



B8B76C



677867



F7F7F7



787878

Same Dimension

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



6DB86C



79F078



6CB891



535C53



029C00



001C00

Inverse Universe

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



B76CB8



EE78F0



B86C93



5C535C



9A009C



1C001C

Previews

White Background



This preview shows how the Hex color 6DB86C looks on a white background.

Color Contrast Check

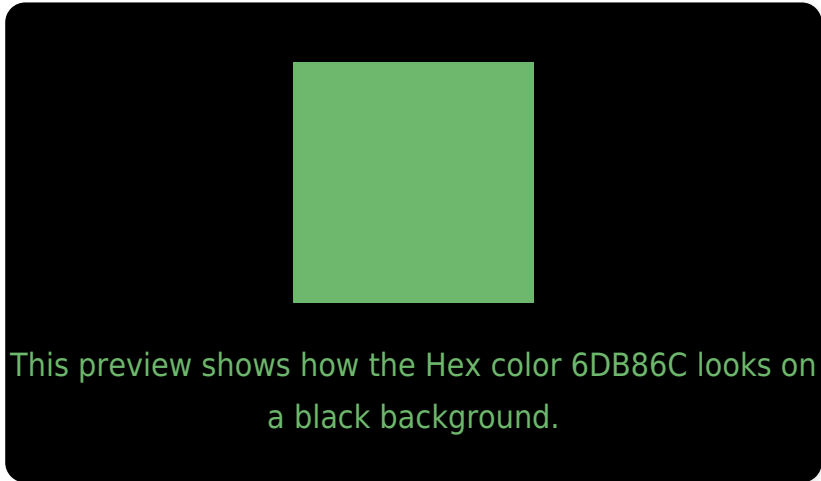
Large Text (above 18pt) WCAG AA × Fail

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 6DB86C Background



This preview shows how black text looks on a background with the Hex color 6DB86C.

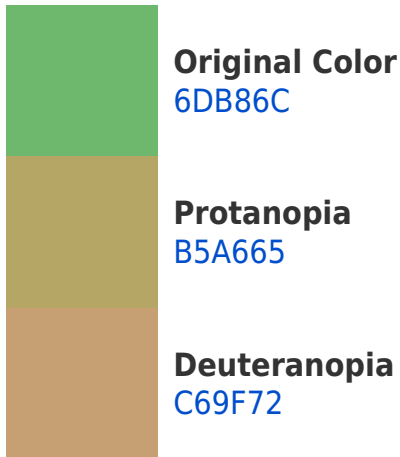


This preview shows how white text looks on a background with the Hex color 6DB86C.

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



Original Color
6DB86C



Protanomaly
9BAD68



Deuteranomaly
A6A870



Tritanomaly
77B2A0

Monochromacy



Original Color
6DB86C



Achromatopsia
999999



Achromatomaly
89A489

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DB86C 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 #6DB86C looks like.

```
.text, #text, p{  
    color:#6DB86C  
}
```

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 #6DB86C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DB86C
}
```

Border

The CSS property to change the border of an element to Hex 6DB86C 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
#6DB86C }
```

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

```
.border{ border-color:#6DB86C }
```

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

Here you see how a box with a 4 pixel #6DB86C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DB86C; -webkit-box-shadow:4px 4px  
4px 4px #6DB86C; box-shadow:4px 4px 4px  
4px #6DB86C }
```

Background

The CSS property to change the background color of an element to Hex 6DB86C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DB86C }
```

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

```
.background{ background-color:#6DB86C }
```

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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