

Converting Colors

Hex(68876D)

Have a look what the booklet for
Hex(68876D) contains.

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Color

Hex(68876D)

Conversions

Conversions Part 1

Format	Color
Hex	68876D
RGB	104, 135, 109
RGB Percent	41%, 53%, 43%
CMY	0.5922, 0.4706, 0.5725
CMYK	0.23, 0.00, 0.19, 0.47
HSL	130°, 13%, 47%
HSV	130°, 23%, 53%
XYZ	17.1332, 21.3751, 17.6908
YIQ	122.7670, -10.1300, -14.6580

Conversions

Conversions Part 2

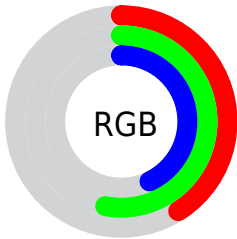
Format	Color
RYB	104, 131, 135
Decimal	6850413
CIELab	53.36, -16.51, 10.45
CIElCh	53, 19.537, 147.670
Yxy	21.3751, 0.3049, 0.3803
Android (android.graphics.Color)	4285040493 (0xFF68876D)
YUV	122.7670, -6.7871, -16.4587
Hunter-Lab	46.2332, -14.7593, 9.6764

Details

The Hex color **68876D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **876882**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **9CBCA1**, and **38553D** is the 20% darker color. If you saturate the color by 10%, you get **5B8762**, and if you desaturate by 10%, it is **768778**.

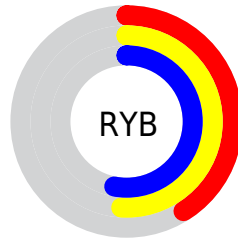
Distribution



Red (41%)

Green (53%)

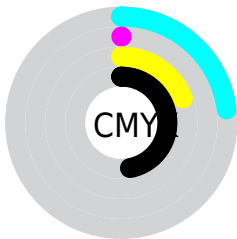
Blue (43%)



Red (41%)

Yellow (51%)

Blue (53%)

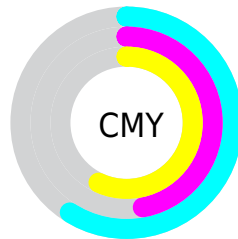


Cyan (23%)

Magenta (0%)

Yellow (19%)

Black (47%)



Cyan (59%)

Magenta (47%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68876D 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 68876D by changing the saturation by 10% instead.

68876D

68876D

FFFFFF

506E55

9CBCA1

38553D

B7D8BC

223E28

D2F5D7

0C2813

FFFFFF4

001400

000000

68876D

68876D

5B8762

768778

4D8756

838784

■ 3F874B

■ 91878F

■ 328740

■ 9E879A

■ 258734

■ AC87A6

■ 178729

■ B987B1

■ 0A871E

■ C787BC

■ 008716

■ D487C8

■ E287D3

Harmonies

Analogous

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



7B8361



68876D



57897D

Triad

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



68876D



6981A1



A27471

Complementary

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



68876D



876882

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.



9F7381



68876D



807C9D

Square

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



68876D



56869B



947692



9B7864

Rectangle

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



68876D



508989



947692



A27476

Sweetspot

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



68876D



A4B0A6



828768



525953



D9D9D9



595959

Same Dimension

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



68876D



7FB087



68877C



3C423D



008215



000300

Inverse Universe

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



876882



B07FA8



876873



423C41



82006D



030002

Previews

White Background



This preview shows how the Hex color 68876D looks on a white background.

Color Contrast Check

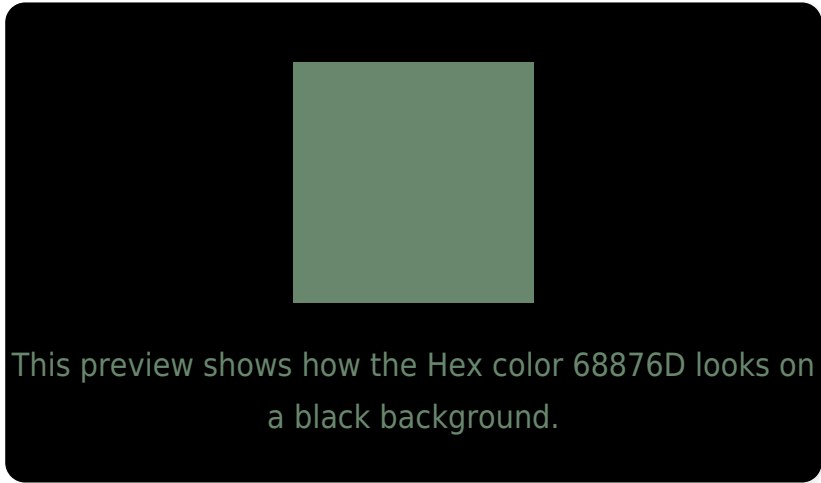
Large Text (above 18pt) WCAG AA ✓ Pass

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

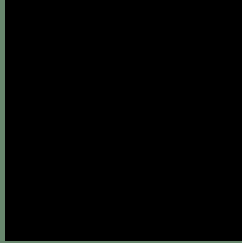
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 68876D Background



This preview shows how black text looks on a background with the Hex color 68876D.

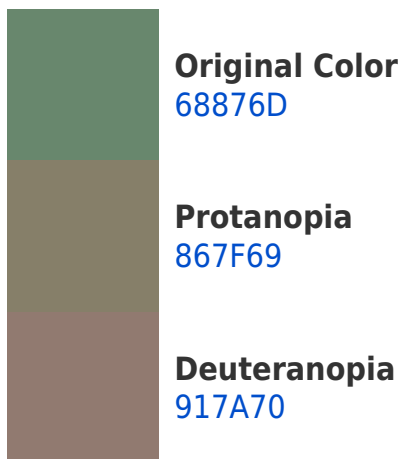


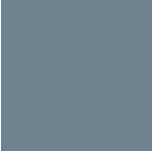
This preview shows how white text looks on a background with the Hex color 68876D.

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
6E838D

Trichromacy



Original Color
68876D

Protanomaly
7B826A

Deuteranomaly
827F6F

Tritanomaly
6C8481

Monochromacy



Original Color
68876D

Achromatopsia
7B7B7B

Achromatomaly
747F76

CSS Examples

Text

The CSS property to change the color of the text to Hex 68876D 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 #68876D looks like.

```
.text, #text, p{  
    color:#68876D  
}
```

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 #68876D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68876D
}
```

Border

The CSS property to change the border of an element to Hex 68876D 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
#68876D }
```

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

```
.border{ border-color:#68876D }
```

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

Here you see how a box with a 4 pixel #68876D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68876D; -webkit-box-shadow:4px 4px  
4px 4px #68876D; box-shadow:4px 4px 4px  
4px #68876D }
```

Background

The CSS property to change the background color of an element to Hex 68876D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68876D }
```

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

```
.background{ background-color:#68876D }
```

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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