

Converting Colors

Hex(63806D)

Have a look what the booklet for
Hex(63806D) contains.

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Color

Hex(63806D)

Conversions

Conversions Part 1

Format	Color
Hex	63806D
RGB	99, 128, 109
RGB Percent	39%, 50%, 43%
CMY	0.6118, 0.4980, 0.5725
CMYK	0.23, 0.00, 0.15, 0.50
HSL	141°, 13%, 45%
HSV	141°, 23%, 50%
XYZ	15.6251, 19.1951, 17.3495
YIQ	117.1630, -11.1850, -12.0570

Conversions

Conversions Part 2

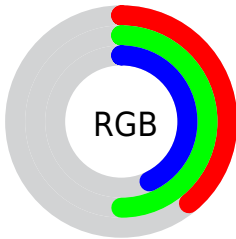
Format	Color
R_{YB}	99, 121, 128
Decimal	6520941
CIE _{Lab}	50.91, -14.52, 6.94
CIE _{LCh}	51, 16.096, 154.448
Yxy	19.1951, 0.2995, 0.3679
Android (android.graphics.Color)	4284711021 (0xFF63806D)
YUV	117.1630, -4.0244, -15.9290
Hunter-Lab	43.8122, -13.0116, 7.1899

Details

The Hex color **63806D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **806376**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **96B5A0**, and **344F3E** is the 20% darker color. If you saturate the color by 10%, you get **568065**, and if you desaturate by 10%, it is **708075**.

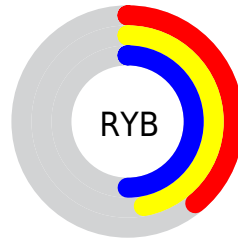
Distribution



Red (39%)

Green (50%)

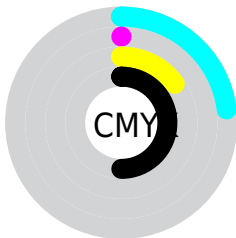
Blue (43%)



Red (39%)

Yellow (47%)

Blue (50%)

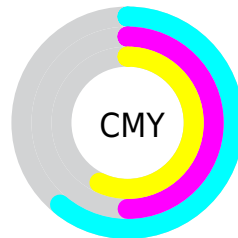


Cyan (23%)

Magenta (0%)

Yellow (15%)

Black (50%)



Cyan (61%)

Magenta (50%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63806D 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 63806D by changing the saturation by 10% instead.

63806D

63806D

FFFFFF

4B6755

96B5A0

344F3E

B1D0BB

1D3828

CDEDD7

082213

E9FFF4

000600

000000

63806D

63806D

568065

708075

49805C

7D807E

 3D8054

 898086

 30804B

 96808F

 238043

 A38097

 16803B

 B0809F

 098032

 BD80A8

 00802C

 C980B0

 D680B8

Harmonies

Analogous

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



727D62



63806D



57817B

Triad

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



63806D



6C7A94



95716A

Complementary

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



63806D



806376

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.



957078



63806D



7E7590

Square

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



63806D



5B7E92



8D7185



8E7461

Rectangle

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



63806D



538184



8D7185



96706F

Sweetspot

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



63806D



9AA69E



768063



4D5450



D4D4D4



545454

Same Dimension

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



63806D



79A688



63807B



39403C



00802C



000000

Inverse Universe

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



806376



A67996



806368



40393E



800054



000000

Previews

White Background



This preview shows how the Hex color 63806D looks on a white background.

Color Contrast Check

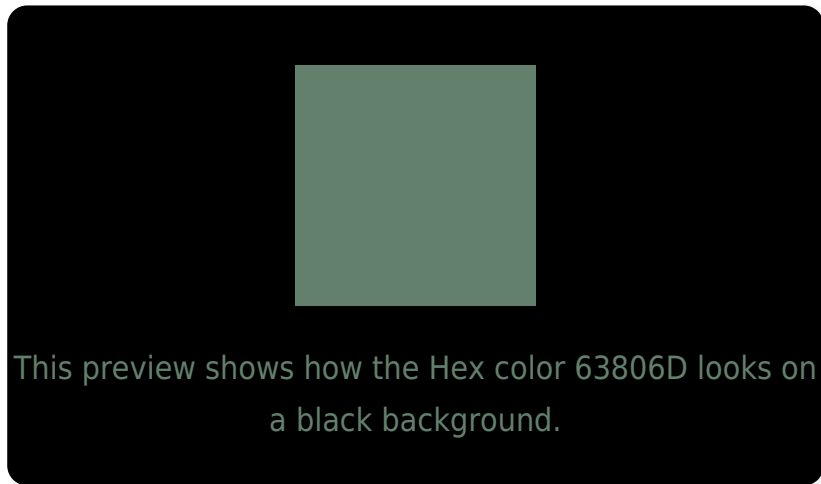
Large Text (above 18pt) WCAG AA ✓ Pass

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

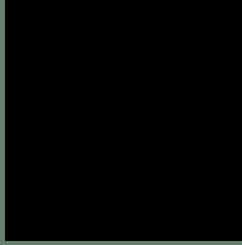
Any Text WCAG AA ✓ Pass

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 63806D Background



This preview shows how black text looks on a background with the Hex color 63806D.

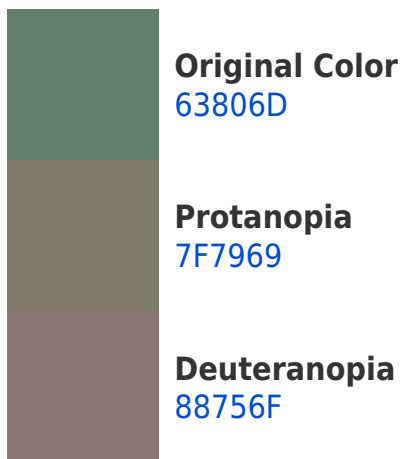


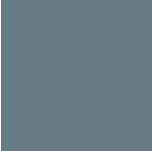
This preview shows how white text looks on a background with the Hex color 63806D.

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
687C86

Trichromacy



Original Color
63806D

Protanomaly
757C6A

Deuteranomaly
7B796E

Tritanomaly
667D7D

Monochromacy



Original Color
63806D

Achromatopsia
757575

Achromatomaly
6E7972

CSS Examples

Text

The CSS property to change the color of the text to Hex 63806D 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 #63806D looks like.

```
.text, #text, p{  
    color:#63806D  
}
```

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 #63806D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63806D
}
```

Border

The CSS property to change the border of an element to Hex 63806D 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
#63806D }
```

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

```
.border{ border-color:#63806D }
```

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

Here you see how a box with a 4 pixel #63806D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63806D; -webkit-box-shadow:4px 4px  
4px 4px #63806D; box-shadow:4px 4px 4px  
4px #63806D }
```

Background

The CSS property to change the background color of an element to Hex 63806D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63806D }
```

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

```
.background{ background-color:#63806D }
```

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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