

Converting Colors

Hex(768769)

Have a look what the booklet for
Hex(768769) contains.

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Color

Hex(768769)

Conversions

Conversions Part 1

Format	Color
Hex	768769
RGB	118, 135, 105
RGB Percent	46%, 53%, 41%
CMY	0.5373, 0.4706, 0.5882
CMYK	0.13, 0.00, 0.22, 0.47
HSL	94°, 13%, 47%
HSV	94°, 22%, 53%
XYZ	18.6850, 22.1994, 16.6647
YIQ	126.4970, -0.5020, -12.9340

Conversions

Conversions Part 2

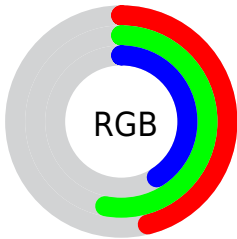
Format	Color
R_{YB}	105, 135, 122
Decimal	7767913
CIE _{Lab}	54.24, -12.02, 14.12
CIE _{LCh}	54, 18.543, 130.413
Y _{xy}	22.1994, 0.3247, 0.3857
Android (android.graphics.Color)	4285957993 (0xFF768769)
YUV	126.4970, -10.5980, -7.4519
Hunter-Lab	47.1163, -11.6654, 12.0109

Details

The Hex color `768769` is a dark color, and the websafe version is hex `999966`. A complement of this color would be `7A6987`, and the grayscale version is `7F7F7F`.

A 20% lighter version of the original color is `AABC9C`, and `45553A` is the 20% darker color. If you saturate the color by 10%, you get `6E875B`, and if you desaturate by 10%, it is `7E8777`.

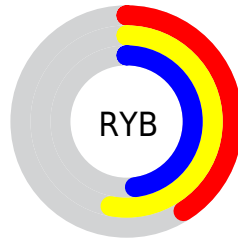
Distribution



Red (46%)

Green (53%)

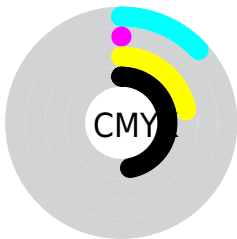
Blue (41%)



Red (41%)

Yellow (53%)

Blue (48%)

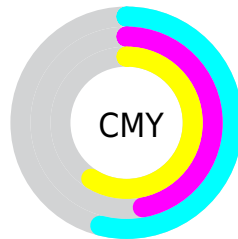


Cyan (13%)

Magenta (0%)

Yellow (22%)

Black (47%)



Cyan (54%)

Magenta (47%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 768769 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 768769 by changing the saturation by 10% instead.

 768769

 768769

FFFFFF

 5D6E51

 AABC9C

 45553A

 C6D8B7

 2F3E24

 E2F4D3

 19280F

 FFFFEF

 001500

 000000

 768769

 768769

 6E875B

 7E8777

 67874E

 858784

■ 5F8741

■ 8D8792

■ 578733

■ 95879F

■ 508725

■ 9C87AC

■ 488718

■ A487BA

■ 40870A

■ AC87C7

■ 3B8700

■ B387D5

■ BB87E3

Harmonies

Analogous

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



888262



768769



648A76

Triad

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



768769



61869F



A2767D

Complementary

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



768769



7A6987

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.



9B788D



768769



7681A1

Square

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



768769



558A96



8B7C9A



A1786E

Rectangle

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



768769



5B8B81



8B7C9A



A17682

Sweetspot

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



768769



A9B0A4



877A69



555952



D9D9D9



595959

Same Dimension

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



768769



95B080



69876B



3F423C



388200



010300

Inverse Universe

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



7A6987



9B80B0



876985



3F3C42



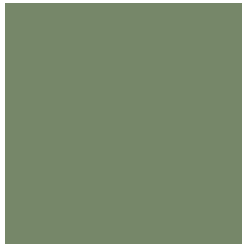
4A0082



010003

Previews

White Background



This preview shows how the Hex color 768769 looks on a white background.

Color Contrast Check

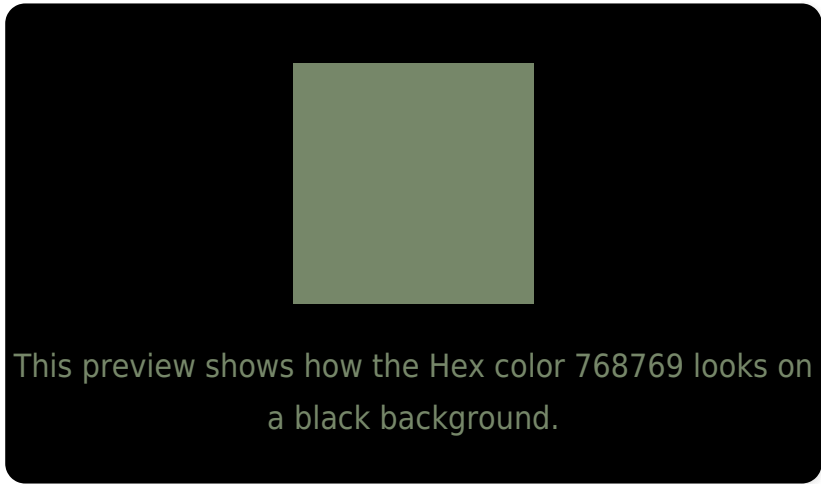
Large Text (above 18pt) WCAG AA ✓ Pass

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

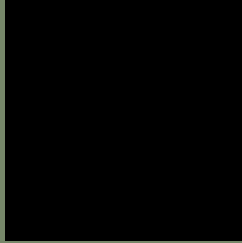
Any Text WCAG AA ✓ Pass

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 768769 Background



This preview shows how black text looks on a background with the Hex color 768769.



This preview shows how white text looks on a background with the Hex color 768769.

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](#).

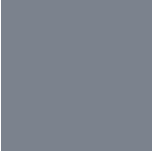
Dichromacy



Original Color
768769

Protanopia
8A8166

Deuteranopia
967C6B



Tritanopia
7B828D

Trichromacy



Original Color
768769

Protanomaly
838367

Deuteranomaly
8A806A

Tritanomaly
798480

Monochromacy



Original Color
768769

Achromatopsia
7E7E7E

Achromatomaly
7B8176

CSS Examples

Text

The CSS property to change the color of the text to Hex 768769 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 #768769 looks like.

```
.text, #text, p{  
    color:#768769  
}
```

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 #768769 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #768769
}
```

Border

The CSS property to change the border of an element to Hex 768769 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
#768769 }
```

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

```
.border{ border-color:#768769 }
```

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

Here you see how a box with a 4 pixel #768769 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #768769; -webkit-box-shadow:4px 4px  
4px 4px #768769; box-shadow:4px 4px 4px  
4px #768769 }
```

Background

The CSS property to change the background color of an element to Hex 768769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#768769 }
```

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

```
.background{ background-color:#768769 }
```

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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