

Converting Colors

Hex(768563)

Have a look what the booklet for
Hex(768563) contains.

Hex(768563)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(768563)

Conversions

Conversions Part 1

Format	Color
Hex	768563
RGB	118, 133, 99
RGB Percent	46%, 52%, 39%
CMY	0.5373, 0.4784, 0.6118
CMYK	0.11, 0.00, 0.26, 0.48
HSL	86°, 15%, 45%
HSV	86°, 26%, 52%
XYZ	18.1109, 21.5275, 15.0051
YIQ	124.6390, 1.9740, -13.7540

Conversions

Conversions Part 2

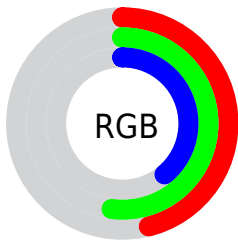
Format	Color
R_{YB}	99, 133, 114
Decimal	7767395
CIE _{Lab}	53.52, -11.94, 16.56
CIE _{LCh}	54, 20.418, 125.800
Yxy	21.5275, 0.3314, 0.3940
Android (android.graphics.Color)	4285957475 (0xFF768563)
YUV	124.6390, -12.6400, -5.8224
Hunter-Lab	46.3977, -11.5203, 13.3040

Details

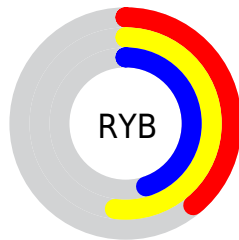
The Hex color **768563** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **726385**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **AABA96**, and **455334** is the 20% darker color. If you saturate the color by 10%, you get **708556**, and if you desaturate by 10%, it is **7C8570**.

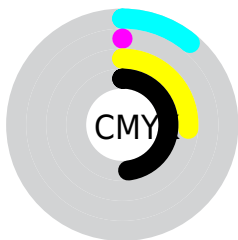
Distribution



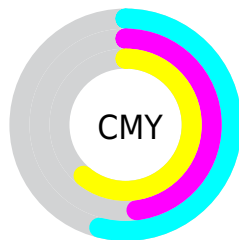
- Red (46%)
- Green (52%)
- Blue (39%)



- Red (39%)
- Yellow (52%)
- Blue (45%)



- Cyan (11%)
- Magenta (0%)
- Yellow (26%)
- Black (48%)



- Cyan (54%)
- Magenta (48%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 768563 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 768563 by changing the saturation by 10% instead.

 768563

 768563

FFFFFF

 5D6C4B

 AABA96

 455334

 C6D6B1

 2E3C1F

 E2F2CC

 1A2608

 FFFFE8

 001300

 000000

 768563

 768563

 708556

 7C8570

 6A8548

 82857E

■ 64853B

■ 88858B

■ 5F852E

■ 8D8598

■ 598520

■ 9385A6

■ 538513

■ 9985B3

■ 4D8506

■ 9F85C0

■ 4A8500

■ A585CD

■ AB85DB

Harmonies

Analogous

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



89805D



768563



628871

Triad

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



768563



58869F



A3737D

Complementary

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



768563



726385

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.



99758F



768563



6F80A3

Square

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



768563



4C8994



877A9C



A2756C

Rectangle

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



768563



568A7D



877A9C



A17383

Sweetspot

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



768563



A7ADA0



857263



53574E



D6D6D6



575757

Same Dimension

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



768563



96AD78



658563



3F423C



498200



010300

Inverse Universe

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



726385



8F78AD



836385



3F3C42



390082



010003

Previews

White Background



This preview shows how the Hex color 768563 looks on a white background.

Color Contrast Check

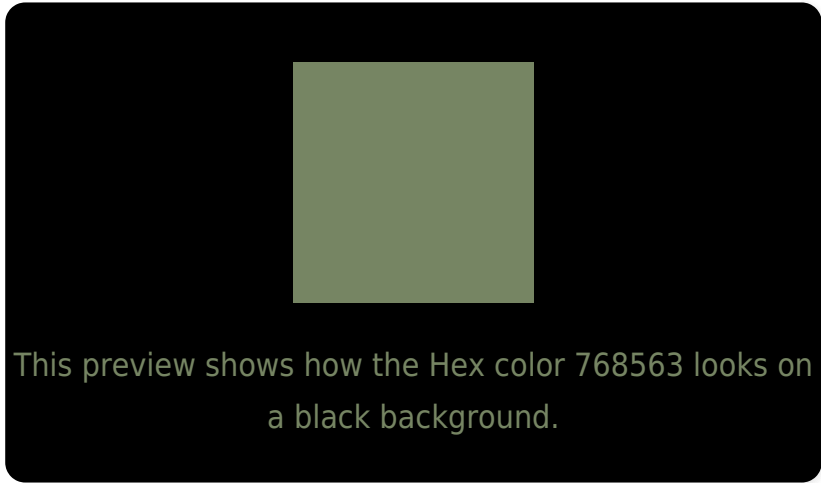
Large Text (above 18pt) WCAG AA ✓ Pass

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

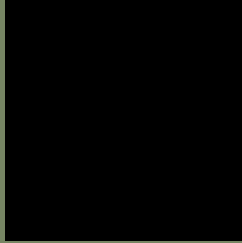
Any Text WCAG AA ✓ Pass

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 768563 Background



This preview shows how black text looks on a background with the Hex color 768563.



This preview shows how white text looks on a background with the Hex color 768563.

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
768563

Protanopia
897F61

Deuteranopia
957B65



Tritanopia
7C808A

Trichromacy



Original Color
768563

Protanomaly
828162

Deuteranomaly
8A7F64

Tritanomaly
7A827C

Monochromacy



Original Color
768563

Achromatopsia
7D7D7D

Achromatomaly
7A8074

CSS Examples

Text

The CSS property to change the color of the text to Hex 768563 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 #768563 looks like.

```
.text, #text, p{  
    color:#768563  
}
```

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 #768563 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #768563
}
```

Border

The CSS property to change the border of an element to Hex 768563 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
#768563 }
```

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

```
.border{ border-color:#768563 }
```

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

Here you see how a box with a 4 pixel #768563 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #768563; -webkit-box-shadow:4px 4px  
4px 4px #768563; box-shadow:4px 4px 4px  
4px #768563 }
```

Background

The CSS property to change the background color of an element to Hex 768563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#768563 }
```

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

```
.background{ background-color:#768563 }
```

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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