

Converting Colors

Hex(468987)

Have a look what the booklet for
Hex(468987) contains.

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Color

Hex(468987)

Conversions

Conversions Part 1

Format	Color
Hex	468987
RGB	70, 137, 135
RGB Percent	27%, 54%, 53%
CMY	0.7255, 0.4627, 0.4706
CMYK	0.49, 0.00, 0.01, 0.46
HSL	178°, 32%, 41%
HSV	178°, 49%, 54%
XYZ	15.8446, 20.9427, 26.1289
YIQ	116.7390, -39.2900, -14.8260

Conversions

Conversions Part 2

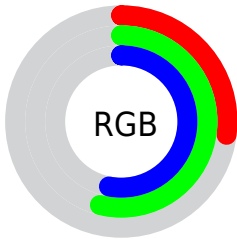
Format	Color
R_{YB}	70, 104, 137
Decimal	4622727
CIE _{Lab}	52.89, -21.74, -5.51
CIE _{LCh}	53, 22.433, 194.230
Yxy	20.9427, 0.2518, 0.3329
Android (android.graphics.Color)	4282812807 (0xFF468987)
YUV	116.7390, 9.0027, -40.9901
Hunter-Lab	45.7632, -18.2834, -1.8180

Details

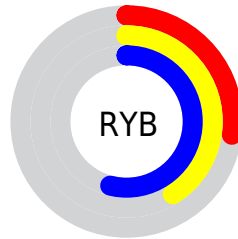
The Hex color **468987** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **894648**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **7BBFBC**, and **075755** is the 20% darker color. If you saturate the color by 10%, you get **388987**, and if you desaturate by 10%, it is **548987**.

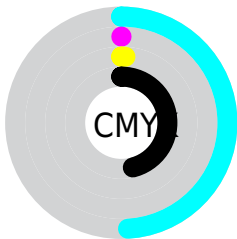
Distribution



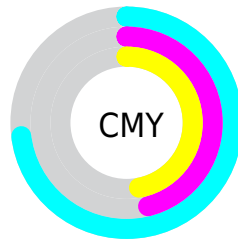
- Red (27%)
- Green (54%)
- Blue (53%)



- Red (27%)
- Yellow (41%)
- Blue (54%)



- Cyan (49%)
- Magenta (0%)
- Yellow (1%)
- Black (46%)



- Cyan (73%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 468987 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 468987 by changing the saturation by 10% instead.

 468987

 468987

FFFFFF

 2B6F6E

 7BBFBC

 075755

 97DBD8

 003F3E

 B3F7F4

 002928

 CFFFFFF

 001314

 ECFFFF

 000000

 468987

 468987

 388987

 548987

 2B8986

 618988

■ 1D8986

■ 6F8988

■ 0F8985

■ 7D8989

■ 028985

■ 8B8989

■ 008985

■ 988989

■ A6898A

■ B4898A

■ C1898B

Harmonies

Analogous

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



578873



468987



458798

Triad

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



468987



8C769A



957A5A

Complementary

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



468987



894648

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.



A27464



468987



9E7189

Square

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



468987



737DA3



A57076



838059

Rectangle

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



468987



5085A0



A57076



9A775C

Sweetspot

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



468987



98B3B2



488946



495959



D9D9D9



595959

Same Dimension

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



468987



49B3AF



466A89



3E4545



008581



000505

Inverse Universe

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



894648



B3494C



896546



453E3E



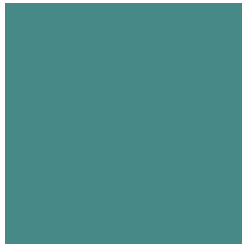
850004



050000

Previews

White Background



This preview shows how the Hex color 468987 looks on a white background.

Color Contrast Check

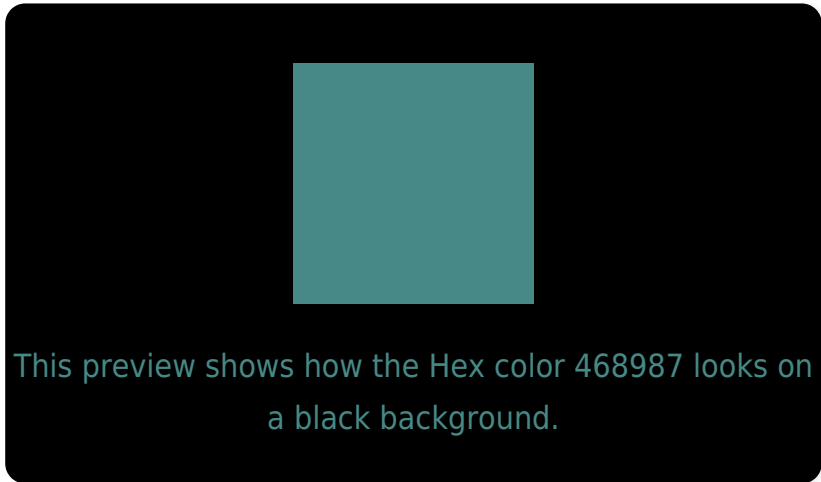
Large Text (above 18pt) WCAG AA ✓ Pass

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

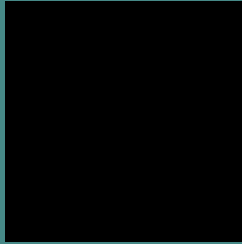
Any Text WCAG AA ✓ Pass

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 468987 Background



This preview shows how black text looks on a background with the Hex color 468987.

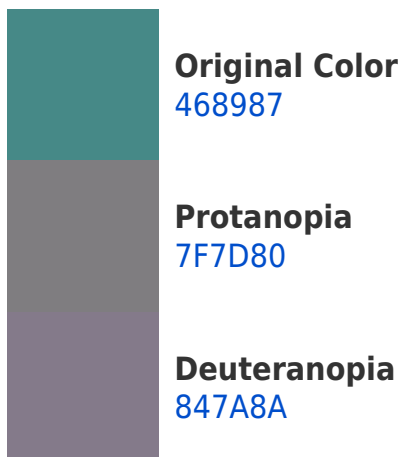


This preview shows how white text looks on a background with the Hex color 468987.

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



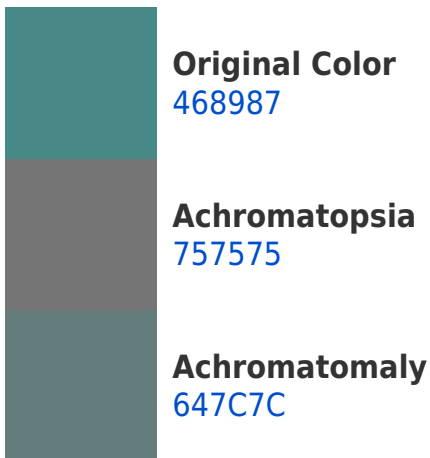


Tritanopia
4A8792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 468987 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 #468987 looks like.

```
.text, #text, p{  
  color:#468987  
}
```

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 #468987 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #468987
}
```

Border

The CSS property to change the border of an element to Hex 468987 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
#468987 }
```

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

```
.border{ border-color:#468987 }
```

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

Here you see how a box with a 4 pixel #468987 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #468987; -webkit-box-shadow:4px 4px  
4px 4px #468987; box-shadow:4px 4px 4px  
4px #468987 }
```

Background

The CSS property to change the background color of an element to Hex 468987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#468987 }
```

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

```
.background{ background-color:#468987 }
```

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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