

Converting Colors

Hex(468277)

Have a look what the booklet for
Hex(468277) contains.

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Color

Hex(468277)

Conversions

Conversions Part 1

Format	Color
Hex	468277
RGB	70, 130, 119
RGB Percent	27%, 51%, 47%
CMY	0.7255, 0.4902, 0.5333
CMYK	0.46, 0.00, 0.08, 0.49
HSL	169°, 30%, 39%
HSV	169°, 46%, 51%
XYZ	13.8382, 18.5993, 20.3134
YIQ	110.8060, -32.2290, -16.1410

Conversions

Conversions Part 2

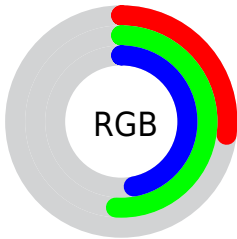
Format	Color
RYB	70, 103, 130
Decimal	4620919
CIELab	50.22, -22.37, -0.12
CIElCh	50, 22.373, 180.298
Yxy	18.5993, 0.2623, 0.3526
Android (android.graphics.Color)	4282810999 (0xFF468277)
YUV	110.8060, 4.0396, -35.7869
Hunter-Lab	43.1269, -18.1964, 2.2623

Details

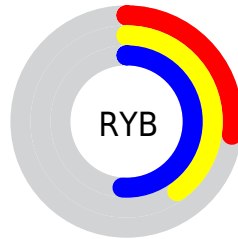
The Hex color **468277** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **824651**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **7AB7AB**, and **0E5047** is the 20% darker color. If you saturate the color by 10%, you get **398275**, and if you desaturate by 10%, it is **538279**.

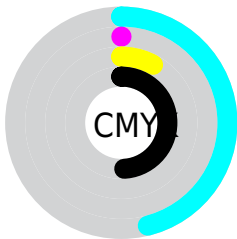
Distribution



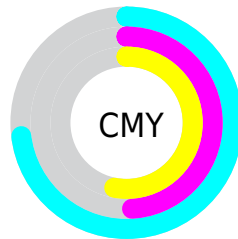
- Red (27%)
- Green (51%)
- Blue (47%)



- Red (27%)
- Yellow (40%)
- Blue (51%)



- Cyan (46%)
- Magenta (0%)
- Yellow (8%)
- Black (49%)



- Cyan (73%)
- Magenta (49%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 468277 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 468277 by changing the saturation by 10% instead.

 468277

 468277

FFFFFF

 2C695E

 7AB7AB

 0E5047

 95D3C6

 003930

 B1EFE2

 00231C

 CDFFFF

 000201

 E9FFFF

 000000

 468277

 468277

 398275

 538279

 2C8272

 60827C

■ 1F8270

■ 6D827E

■ 12826D

■ 7A8281

■ 05826B

■ 878283

■ 00826A

■ 948285

■ A18288

■ AE828A

■ BB828C

Harmonies

Analogous

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



5A8064



468277



3B818A

Triad

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



468277



7A7398



957057

Complementary

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



468277



824651

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.



9D6B65



468277



906C8B

Square

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



468277



5F799D



9C6978



857651

Rectangle

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



468277



408094



9C6978



986E5B

Sweetspot

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



468277



91A8A4



518246



465452



D4D4D4



545454

Same Dimension

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



468277



4CA897



466F82



39403F



008068



000000

Inverse Universe

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



824651



A84C5D



825946



40393B



800017



000000

Previews

White Background



This preview shows how the Hex color 468277 looks on a white background.

Color Contrast Check

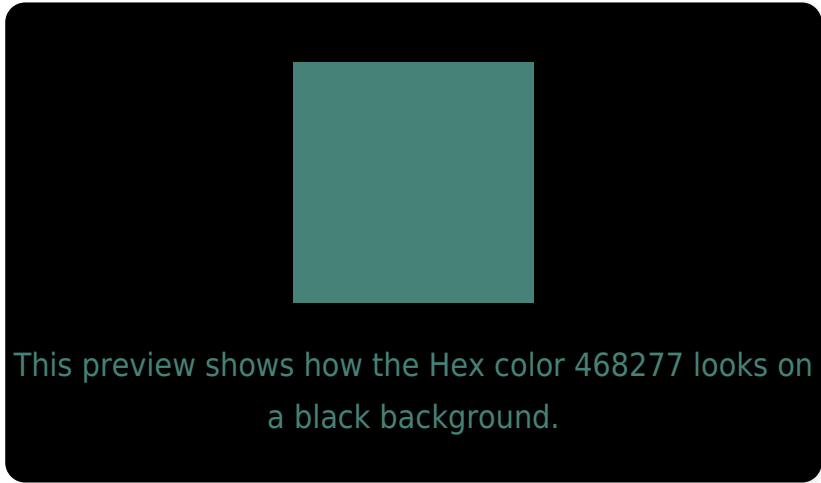
Large Text (above 18pt) WCAG AA ✓ Pass

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

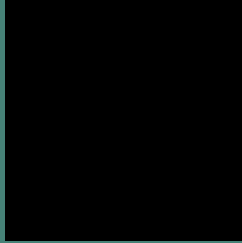
Any Text WCAG AA ✓ Pass

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 468277 Background



This preview shows how black text looks on a background with the Hex color 468277.

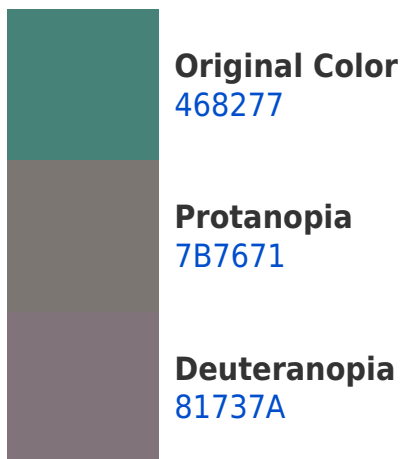


This preview shows how white text looks on a background with the Hex color 468277.

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](#).

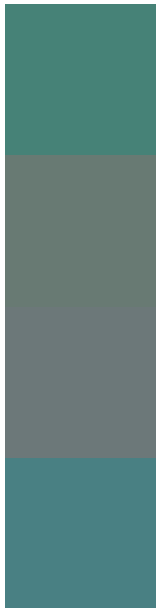
Dichromacy





Tritanopia
4B7F8A

Trichromacy



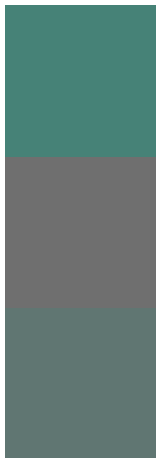
Original Color
468277

Protanomaly
687A73

Deuteranomaly
6C7879

Tritanomaly
498083

Monochromacy



Original Color
468277

Achromatopsia
6F6F6F

Achromatomaly
607672

CSS Examples

Text

The CSS property to change the color of the text to Hex 468277 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 #468277 looks like.

```
.text, #text, p{  
    color:#468277  
}
```

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 #468277 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #468277  
}
```

Border

The CSS property to change the border of an element to Hex 468277 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  
#468277 }
```

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

```
.border{ border-color:#468277 }
```

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

Here you see how a box with a 4 pixel #468277 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #468277; -webkit-box-shadow:4px 4px  
4px 4px #468277; box-shadow:4px 4px 4px  
4px #468277 }
```

Background

The CSS property to change the background color of an element to Hex 468277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#468277 }
```

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

```
.background{ background-color:#468277 }
```

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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