

Converting Colors

Hex(487578)

Have a look what the booklet for
Hex(487578) contains.

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Color

Hex(487578)

Conversions

Conversions Part 1

Format	Color
Hex	487578
RGB	72, 117, 120
RGB Percent	28%, 46%, 47%
CMY	0.7176, 0.5412, 0.5294
CMYK	0.40, 0.03, 0.00, 0.53
HSL	184°, 25%, 38%
HSV	184°, 40%, 47%
XYZ	12.4239, 15.4564, 20.0979
YIQ	103.8870, -27.7830, -8.6070

Conversions

Conversions Part 2

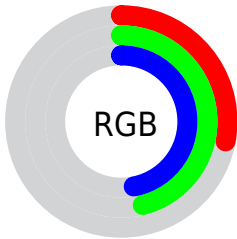
Format	Color
RYB	72, 95, 120
Decimal	4748664
CIELab	46.25, -14.58, -6.54
CIElCh	46, 15.980, 204.166
Yxy	15.4564, 0.2589, 0.3222
Android (android.graphics.Color)	4282938744 (0xFF487578)
YUV	103.8870, 7.9437, -27.9649
Hunter-Lab	39.3146, -12.3921, -2.7892

Details

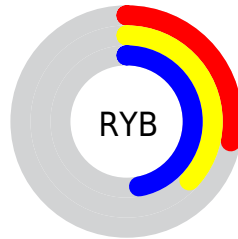
The Hex color **487578** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **784B48**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **7BA9AC**, and **154548** is the 20% darker color. If you saturate the color by 10%, you get **3C7478**, and if you desaturate by 10%, it is **547678**.

Distribution



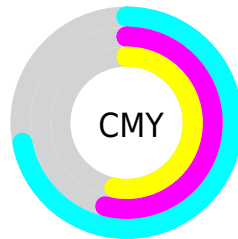
- Red (28%)
- Green (46%)
- Blue (47%)



- Red (28%)
- Yellow (37%)
- Blue (47%)



- Cyan (40%)
- Magenta (3%)
- Yellow (0%)
- Black (53%)



- Cyan (72%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 487578 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 487578 by changing the saturation by 10% instead.

■ 487578

■ 487578

FFFFFF

■ 2F5C5F

■ 7BA9AC

■ 154548

■ 96C4C8

■ 002E31

■ B1E0E4

■ 001A1C

■ CDFDFF

■ 000000

■ E9FFFF

■ 487578

■ 487578

■ 3C7478

■ 547678

■ 307378

■ 607678

■ 247378

■ 6C7778

■ 187278

■ 787878

■ 0C7178

■ 847978

■ 007078

■ 907978

■ 9C7A78

■ A87B78

■ B47C78

Harmonies

Analogous

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



4F756A



487578



4C7383

Triad

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



487578



7C677D



7A6C53

Complementary

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



487578



784B48

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.



856758



487578



876471

Square

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



487578



6C6B86



896563



6C7055

Rectangle

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



487578



557187



896563



7E6A54

Sweetspot

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



487578



899A9C



48784A



444E4F



CFCFCF



4F4F4F

Same Dimension

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



487578



51979C



485E78



373D3D



00757D



00EDFC

Inverse Universe

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



784875



9C5197



786248



3D373D



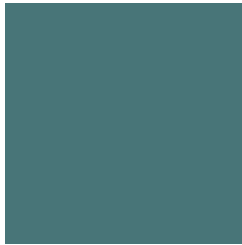
7D0075



FC00ED

Previews

White Background



This preview shows how the Hex color 487578 looks on a white background.

Color Contrast Check

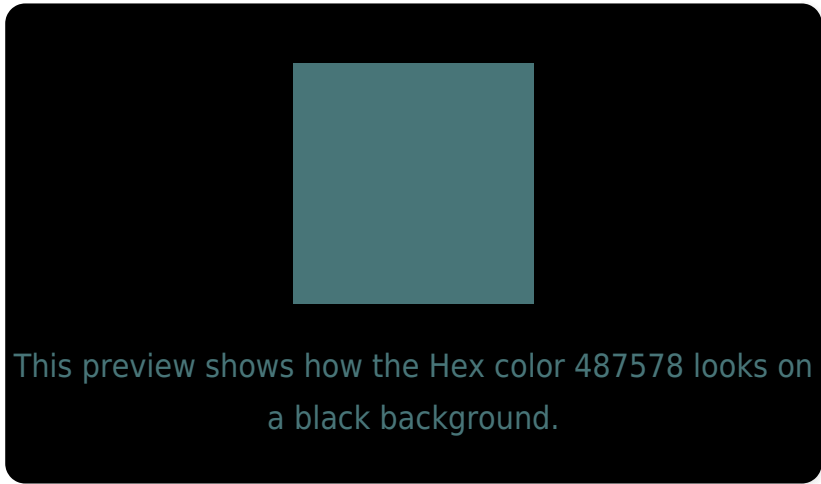
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

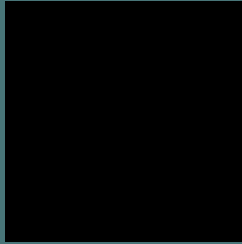
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 487578 Background



This preview shows how black text looks on a background with the Hex color 487578.

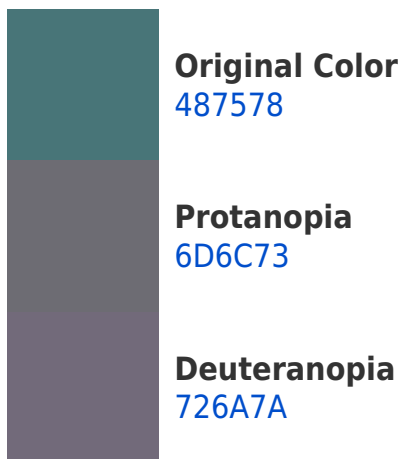


This preview shows how white text looks on a background with the Hex color 487578.

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](#).

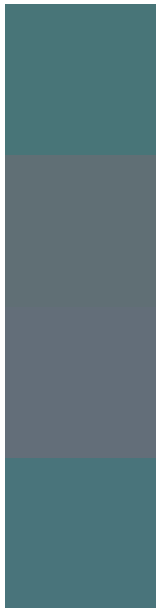
Dichromacy





Tritanopia
4A747D

Trichromacy



Original Color
487578

Protanomaly
606F75

Deuteranomaly
636E79

Tritanomaly
49747B

Monochromacy



Original Color
487578

Achromatopsia
686868

Achromatomaly
5C6D6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 487578 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 #487578 looks like.

```
.text, #text, p{  
    color:#487578  
}
```

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 #487578 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #487578
}
```

Border

The CSS property to change the border of an element to Hex 487578 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
#487578 }
```

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

```
.border{ border-color:#487578 }
```

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

Here you see how a box with a 4 pixel #487578 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #487578; -webkit-box-shadow:4px 4px  
4px 4px #487578; box-shadow:4px 4px 4px  
4px #487578 }
```

Background

The CSS property to change the background color of an element to Hex 487578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#487578 }
```

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

```
.background{ background-color:#487578 }
```

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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