

Converting Colors

Hex(467583)

Have a look what the booklet for
Hex(467583) contains.

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Color

Hex(467583)

Conversions

Conversions Part 1

Format	Color
Hex	467583
RGB	70, 117, 131
RGB Percent	27%, 46%, 51%
CMY	0.7255, 0.5412, 0.4863
CMYK	0.47, 0.11, 0.00, 0.49
HSL	194°, 30%, 39%
HSV	194°, 47%, 51%
XYZ	12.9838, 15.6634, 23.8117
YIQ	104.5430, -32.5060, -5.6100

Conversions

Conversions Part 2

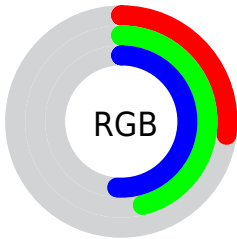
Format	Color
RYB	70, 97, 131
Decimal	4617603
CIELab	46.53, -12.02, -12.69
CIELCh	47, 17.474, 226.554
Yxy	15.6634, 0.2475, 0.2986
Android (android.graphics.Color)	4282807683 (0xFF467583)
YUV	104.5430, 13.0433, -30.2942
Hunter-Lab	39.5770, -10.7001, -7.9683

Details

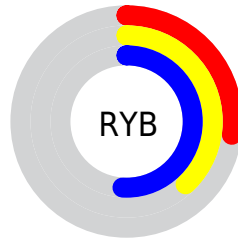
The Hex color **467583** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **835446**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **7AA9B8**, and **0F4552** is the 20% darker color. If you saturate the color by 10%, you get **397283**, and if you desaturate by 10%, it is **537883**.

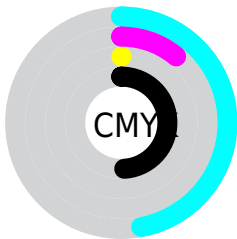
Distribution



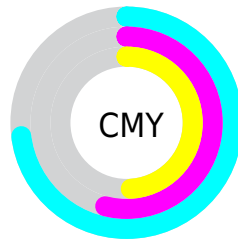
- Red (27%)
- Green (46%)
- Blue (51%)



- Red (27%)
- Yellow (38%)
- Blue (51%)



- Cyan (47%)
- Magenta (11%)
- Yellow (0%)
- Black (49%)



- Cyan (73%)
- Magenta (54%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 467583 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 467583 by changing the saturation by 10% instead.

 467583

 467583

FFFFFF

 2C5C6A

 7AA9B8

 0F4552

 95C4D4

 002E3B

 B0E0F0

 001A25

 CCFDFF

 00010F

 E9FFFF

 000000

 467583

 467583

 397283

 537883

 2C6F83

 607B83

■ 1F6C83

■ 6D7E83

■ 126983

■ 7A8183

■ 056683

■ 888483

■ 006583

■ 958783

■ A28A83

■ AF8D83

■ BC9083

Harmonies

Analogous

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



457776



467583



54728A

Triad

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



467583



876475



717052

Complementary

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



467583



835446

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.



7F6B52



467583



8C6467

Square

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



467583



7A6882



89675A



60745A

Rectangle

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



467583



616E8B



89675A



766E51

Sweetspot

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



467583



93A5AB



468353



485357



D6D6D6



575757

Same Dimension

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



467583



4B95AB



465783



3C4142



006482



000203

Inverse Universe

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



834675



AB4B95



837246



423C41



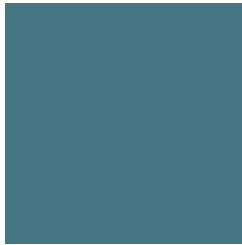
820064



030002

Previews

White Background



This preview shows how the Hex color 467583 looks on a white background.

Color Contrast Check

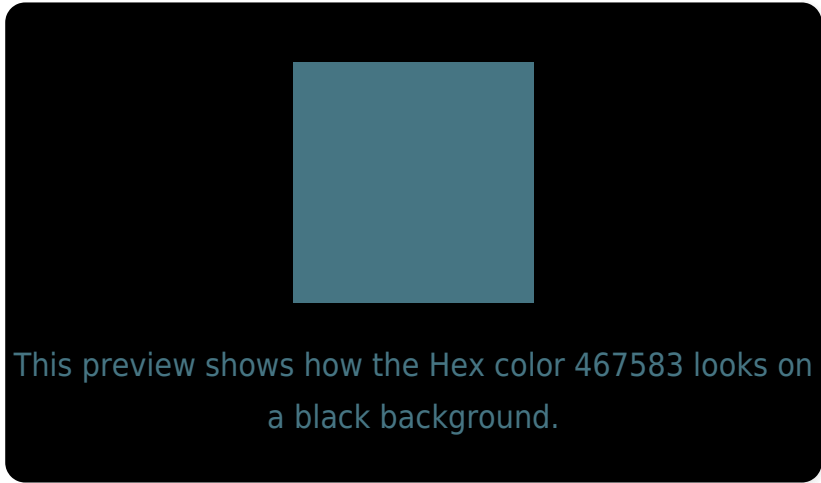
Large Text (above 18pt) WCAG AA ✓ Pass

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

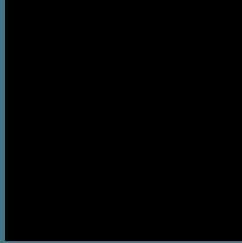
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

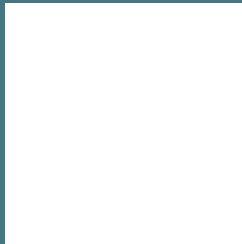
Any Text WCAG AAA × Fail

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

Hex 467583 Background



This preview shows how black text looks on a background with the Hex color 467583.

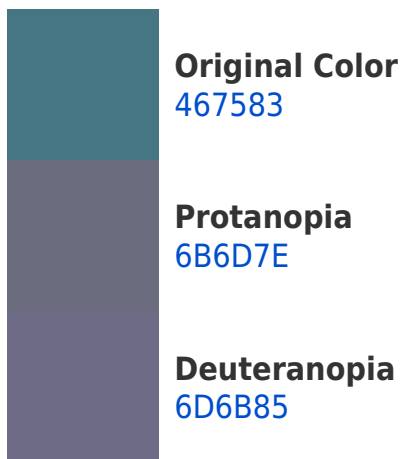



This preview shows how white text looks on a background with the Hex color 467583.

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
45767F

Trichromacy



Original Color
467583

Protanomaly
5E7080

Deuteranomaly
5F6F84

Tritanomaly
457680

Monochromacy



Original Color
467583

Achromatopsia
696969

Achromatomaly
5C6D72

CSS Examples

Text

The CSS property to change the color of the text to Hex 467583 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 #467583 looks like.

```
.text, #text, p{  
    color:#467583  
}
```

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 #467583 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #467583
}
```

Border

The CSS property to change the border of an element to Hex 467583 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
#467583 }
```

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

```
.border{ border-color:#467583 }
```

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

Here you see how a box with a 4 pixel #467583 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #467583; -webkit-box-shadow:4px 4px  
4px 4px #467583; box-shadow:4px 4px 4px  
4px #467583 }
```

Background

The CSS property to change the background color of an element to Hex 467583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#467583 }
```

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

```
.background{ background-color:#467583 }
```

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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