

Converting Colors

Hex(467187)

Have a look what the booklet for
Hex(467187) contains.

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Color

Hex(467187)

Conversions

Conversions Part 1

Format	Color
Hex	467187
RGB	70, 113, 135
RGB Percent	27%, 44%, 53%
CMY	0.7255, 0.5569, 0.4706
CMYK	0.48, 0.16, 0.00, 0.47
HSL	200°, 32%, 40%
HSV	200°, 48%, 53%
XYZ	12.8041, 14.8616, 25.1154
YIQ	102.6510, -32.6900, -2.2740

Conversions

Conversions Part 2

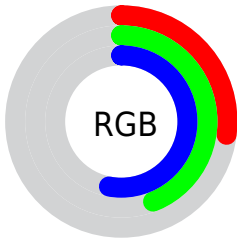
Format	Color
R_{YB}	70, 96, 135
Decimal	4616583
CIE _{Lab}	45.44, -8.53, -16.72
CIE _{LCh}	45, 18.769, 242.967
Yxy	14.8616, 0.2426, 0.2816
Android (android.graphics.Color)	4282806663 (0xFF467187)
YUV	102.6510, 15.9481, -28.6349
Hunter-Lab	38.5508, -8.1776, -11.6412

Details

The Hex color **467187** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **875C46**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **7AA5BC**, and **0F4155** is the 20% darker color. If you saturate the color by 10%, you get **396C87**, and if you desaturate by 10%, it is **547687**.

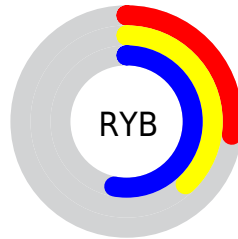
Distribution



Red (27%)

Green (44%)

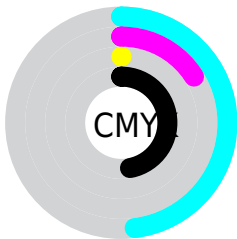
Blue (53%)



Red (27%)

Yellow (38%)

Blue (53%)

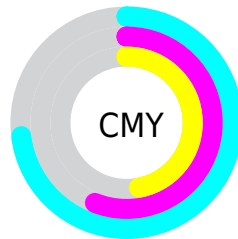


Cyan (48%)

Magenta (16%)

Yellow (0%)

Black (47%)



Cyan (73%)

Magenta (56%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 467187 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 467187 by changing the saturation by 10% instead.

■ 467187

■ 467187

FFFFFF

■ 2C596E

■ 7AA5BC

■ 0F4155

■ 95C0D8

■ 002B3E

■ B0DCF5

■ 001728

■ CCF8FF

■ 000113

■ E9FFFF

■ 000000

■ 467187

■ 467187

■ 396C87

■ 547687

■ 2B6887

■ 617A87

■ 1D6387

■ 6F7F87

■ 105F87

■ 7C8387

■ 025A87

■ 8A8887

■ 005987

■ 978C87

■ A59187

■ B29687

■ C09A87

Harmonies

Analogous

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



3D747C



467187



5A6C8B

Triad

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



467187



8A606B



647051

Complementary

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



467187



875C46

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.



756B4C



467187



8B625B

Square

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



467187



81627A



836650



52735D

Rectangle

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



467187



696988



836650



6A6E4E

Sweetspot

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



467187



97A8B0



46875C



4A5459



D9D9D9



595959

Same Dimension

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



467187



4A8DB0



465187



3C4042



005682



000203

Inverse Universe

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



874671



B04A8D



877C46



423C40



820056



030002

Previews

White Background



This preview shows how the Hex color 467187 looks on a white background.

Color Contrast Check

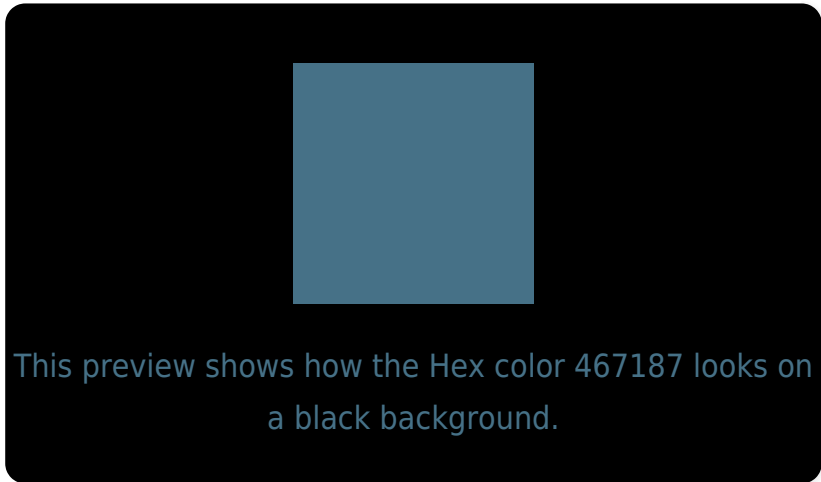
Large Text (above 18pt) WCAG AA ✓ Pass

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

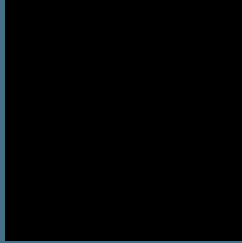
Any Text WCAG AA × Fail

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 467187 Background



This preview shows how black text looks on a background with the Hex color 467187.

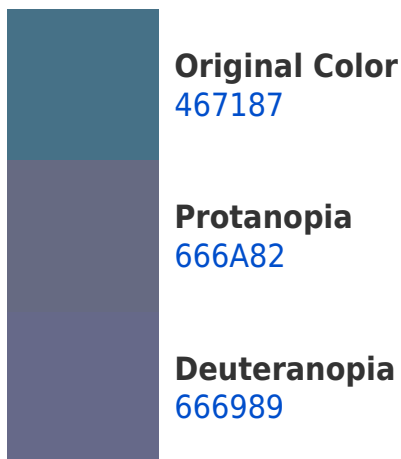


This preview shows how white text looks on a background with the Hex color 467187.

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
43737C

Trichromacy



Original Color
467187

Protanomaly
5A6D84

Deuteranomaly
5A6C88

Tritanomaly
447280

Monochromacy



Original Color
467187

Achromatopsia
676767

Achromatomaly
5B6B73

CSS Examples

Text

The CSS property to change the color of the text to Hex 467187 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 #467187 looks like.

```
.text, #text, p{  
    color:#467187  
}
```

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 #467187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #467187
}
```

Border

The CSS property to change the border of an element to Hex 467187 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
#467187 }
```

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

```
.border{ border-color:#467187 }
```

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

Here you see how a box with a 4 pixel #467187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #467187; -webkit-box-shadow:4px 4px  
4px 4px #467187; box-shadow:4px 4px 4px  
4px #467187 }
```

Background

The CSS property to change the background color of an element to Hex 467187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#467187 }
```

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

```
.background{ background-color:#467187 }
```

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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