

Converting Colors

Hex(437486)

Have a look what the booklet for
Hex(437486) contains.

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Color

Hex(437486)

Conversions

Conversions Part 1

Format	Color
Hex	437486
RGB	67, 116, 134
RGB Percent	26%, 45%, 53%
CMY	0.7373, 0.5451, 0.4745
CMYK	0.50, 0.13, 0.00, 0.47
HSL	196°, 33%, 39%
HSV	196°, 50%, 53%
XYZ	12.8632, 15.4053, 24.8498
YIQ	103.4010, -34.9820, -4.7900

Conversions

Conversions Part 2

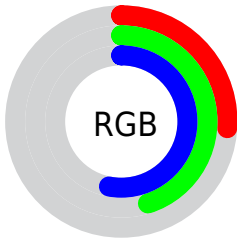
Format	Color
RYB	67, 95, 134
Decimal	4420742
CIELab	46.18, -11.33, -15.01
CIELCh	46, 18.803, 232.955
Yxy	15.4053, 0.2422, 0.2900
Android (android.graphics.Color)	4282610822 (0xFF437486)
YUV	103.4010, 15.0853, -31.9237
Hunter-Lab	39.2496, -10.1873, -10.0631

Details

The Hex color **437486** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **865543**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **77A8BB**, and **084454** is the 20% darker color. If you saturate the color by 10%, you get **367086**, and if you desaturate by 10%, it is **507886**.

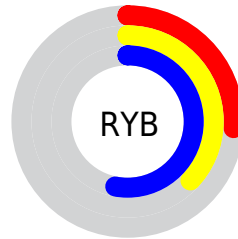
Distribution



Red (26%)

Green (45%)

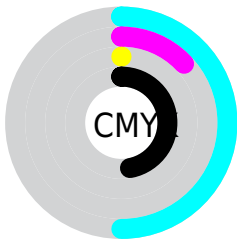
Blue (53%)



Red (26%)

Yellow (37%)

Blue (53%)

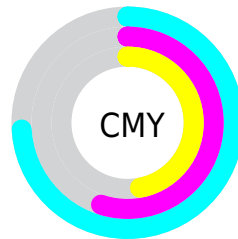


Cyan (50%)

Magenta (13%)

Yellow (0%)

Black (47%)



Cyan (74%)

Magenta (55%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 437486 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 437486 by changing the saturation by 10% instead.

■ 437486

■ 437486

FFFFFF

■ 285B6D

■ 77A8BB

■ 084454

■ 92C3D7

■ 002E3D

■ AEDFF3

■ 001A27

■ CAFCFE

■ 000112

■ E7FFFF

■ 000000

■ 437486

■ 437486

■ 367086

■ 507886

■ 286D86

■ 5E7B86

■ 1B6986

■ 6B7F86

■ 0D6686

■ 798286

■ 006286

■ 868686

■ 938A86

■ A18D86

■ AE9186

■ BC9486

Harmonies

Analogous

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



3F7679



437486



55708C

Triad

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



437486



8A6272



6C7050

Complementary

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



437486



865543

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.



7C6B4E



437486



8D6262

Square

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



437486



7E6581



886655



5A745A

Rectangle

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



437486



646D8C



886655



726F4F

Sweetspot

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



437486



93A6AD



438655



475357



D6D6D6



575757

Same Dimension

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



437486



4591AD



435386



3C4142



005F82



000203

Inverse Universe

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



864374



AD4591



867643



423C41



82005F



030002

Previews

White Background



This preview shows how the Hex color 437486 looks on a white background.

Color Contrast Check

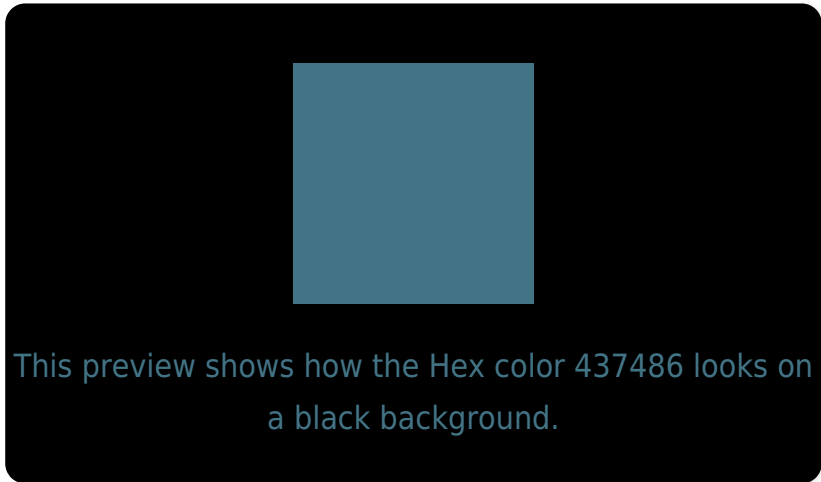
Large Text (above 18pt) WCAG AA ✓ Pass

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

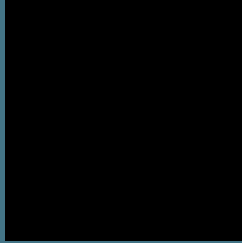
Any Text WCAG AA × Fail

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 437486 Background



This preview shows how black text looks on a background with the Hex color 437486.

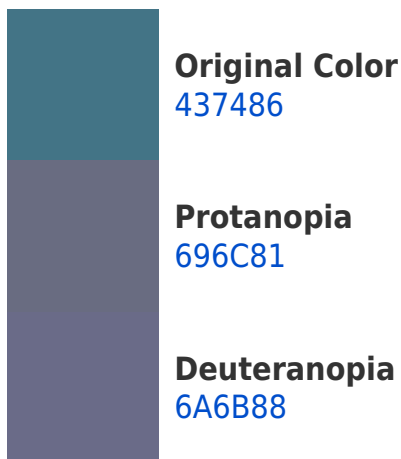



This preview shows how white text looks on a background with the Hex color 437486.

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
41757F

Trichromacy



Original Color
437486

Protanomaly
5B6F83

Deuteranomaly
5C6E87

Tritanomaly
427582

Monochromacy



Original Color
437486

Achromatopsia
676767

Achromatomaly
5A6C72

CSS Examples

Text

The CSS property to change the color of the text to Hex 437486 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 #437486 looks like.

```
.text, #text, p{  
    color:#437486  
}
```

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 #437486 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #437486
}
```

Border

The CSS property to change the border of an element to Hex 437486 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
#437486 }
```

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

```
.border{ border-color:#437486 }
```

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

Here you see how a box with a 4 pixel #437486 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #437486; -webkit-box-shadow:4px 4px  
4px 4px #437486; box-shadow:4px 4px 4px  
4px #437486 }
```

Background

The CSS property to change the background color of an element to Hex 437486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#437486 }
```

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

```
.background{ background-color:#437486 }
```

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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