

Converting Colors

Hex(467370)

Have a look what the booklet for
Hex(467370) contains.

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Color

Hex(467370)

Conversions

Conversions Part 1

Format	Color
Hex	467370
RGB	70, 115, 112
RGB Percent	27%, 45%, 44%
CMY	0.7255, 0.5490, 0.5608
CMYK	0.39, 0.00, 0.03, 0.55
HSL	176°, 24%, 36%
HSV	176°, 39%, 45%
XYZ	11.5812, 14.7334, 17.5627
YIQ	101.2030, -25.8570, -10.4730

Conversions

Conversions Part 2

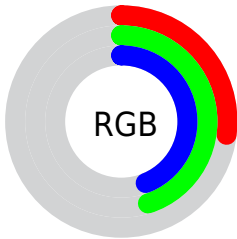
Format	Color
RYB	70, 93, 115
Decimal	4617072
CIELab	45.27, -16.20, -3.24
CIElCh	45, 16.522, 191.299
Yxy	14.7334, 0.2639, 0.3358
Android (android.graphics.Color)	4282807152 (0xFF467370)
YUV	101.2030, 5.3229, -27.3650
Hunter-Lab	38.3841, -13.3157, -0.2593

Details

The Hex color **467370** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **734649**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **79A7A4**, and **144340** is the 20% darker color. If you saturate the color by 10%, you get **3B736F**, and if you desaturate by 10%, it is **527371**.

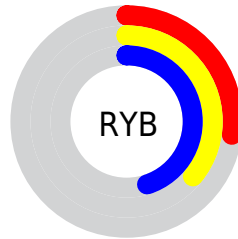
Distribution



Red (27%)

Green (45%)

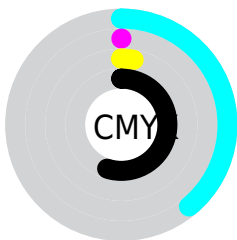
Blue (44%)



Red (27%)

Yellow (36%)

Blue (45%)

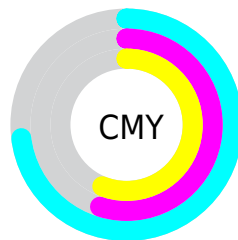


Cyan (39%)

Magenta (0%)

Yellow (3%)

Black (55%)



Cyan (73%)

Magenta (55%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 467370 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 467370 by changing the saturation by 10% instead.

467370

467370

FFFFFF

2D5A58

79A7A4

144340

93C2BF

002C2A

AEDEDB

001916

CAFBF7

000000

E7FFFF

467370

467370

3B736F

527371

2F736E

5D7372

■ 24736E

■ 697372

■ 18736D

■ 747373

■ 0D736C

■ 807374

■ 01736B

■ 8B7375

■ 00736B

■ 977375

■ A27376

■ AE7377

Harmonies

Analogous

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



517262



467370



45727D

Triad

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



467370



746680



7D6751

Complementary

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



467370



734649

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.



86635A



467370



816274

Square

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



467370



626B86



876166



706C50

Rectangle

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



467370



4B7083



876166



816653

Sweetspot

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



467370



849695



497346



424D4C



CCCCCC



4D4D4D

Same Dimension

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



467370



509692



466073



353B3A



007A72



00FAE9

Inverse Universe

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



734649



965054



735A46



3B3535



7A0008



FA0011

Previews

White Background



This preview shows how the Hex color 467370 looks on a white background.

Color Contrast Check

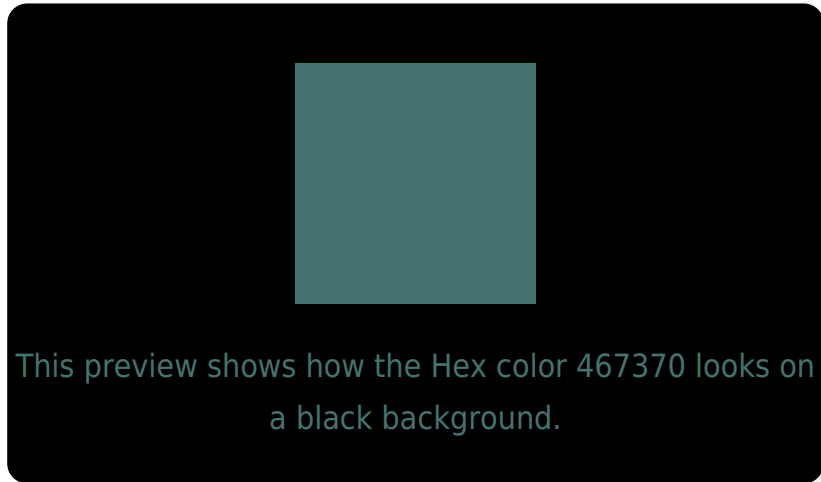
Large Text (above 18pt) WCAG AA ✓ Pass

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

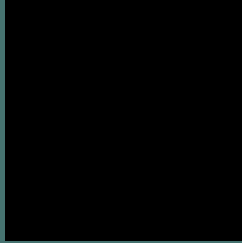
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

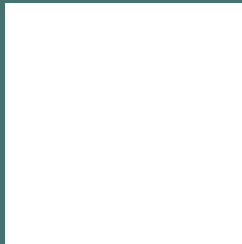
Any Text WCAG AAA × Fail

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

Hex 467370 Background



This preview shows how black text looks on a background with the Hex color 467370.

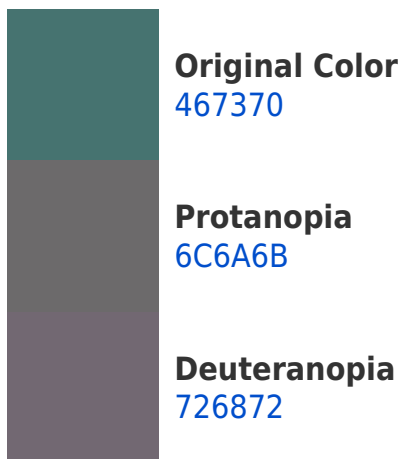


This preview shows how white text looks on a background with the Hex color 467370.

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](#).

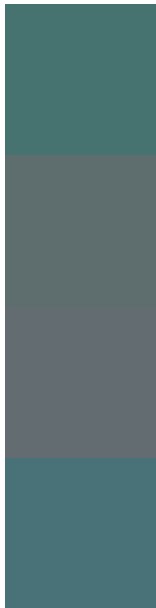
Dichromacy





Tritanopia
49717B

Trichromacy



Original Color
467370

Protanomaly
5E6D6D

Deuteranomaly
626C71

Tritanomaly
487277

Monochromacy



Original Color
467370

Achromatopsia
656565

Achromatomaly
5A6A69

CSS Examples

Text

The CSS property to change the color of the text to Hex 467370 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 #467370 looks like.

```
.text, #text, p{  
    color:#467370  
}
```

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 #467370 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #467370
}
```

Border

The CSS property to change the border of an element to Hex 467370 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
#467370 }
```

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

```
.border{ border-color:#467370 }
```

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

Here you see how a box with a 4 pixel #467370 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #467370; -webkit-box-shadow:4px 4px  
4px 4px #467370; box-shadow:4px 4px 4px  
4px #467370 }
```

Background

The CSS property to change the background color of an element to Hex 467370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#467370 }
```

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

```
.background{ background-color:#467370 }
```

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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