

Converting Colors

Hex(457478)

Have a look what the booklet for
Hex(457478) contains.

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Color

Hex(457478)

Conversions

Conversions Part 1

Format	Color
Hex	457478
RGB	69, 116, 120
RGB Percent	27%, 45%, 47%
CMY	0.7294, 0.5451, 0.5294
CMYK	0.43, 0.03, 0.00, 0.53
HSL	185°, 27%, 37%
HSV	185°, 43%, 47%
XYZ	12.0898, 15.1121, 20.0490
YIQ	102.4030, -29.2960, -8.7200

Conversions

Conversions Part 2

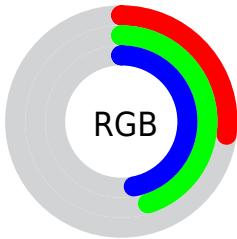
Format	Color
R_{YB}	69, 93, 120
Decimal	4551800
CIE _{Lab}	45.79, -14.87, -7.25
CIE _{LCh}	46, 16.542, 206.003
Yxy	15.1121, 0.2559, 0.3198
Android (android.graphics.Color)	4282741880 (0xFF457478)
YUV	102.4030, 8.6753, -29.2944
Hunter-Lab	38.8742, -12.5168, -3.3663

Details

The Hex color **457478** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **784945**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **78A8AC**, and **114448** is the 20% darker color. If you saturate the color by 10%, you get **397378**, and if you desaturate by 10%, it is **517578**.

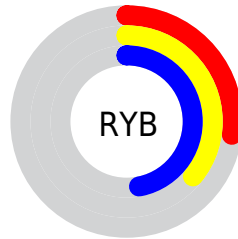
Distribution



Red (27%)

Green (45%)

Blue (47%)



Red (27%)

Yellow (36%)

Blue (47%)

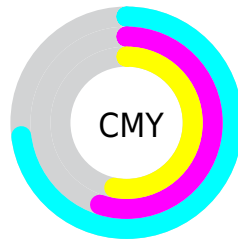


Cyan (43%)

Magenta (3%)

Yellow (0%)

Black (53%)



Cyan (73%)

Magenta (55%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 457478 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 457478 by changing the saturation by 10% instead.

■ 457478

■ 457478

FFFFFF

■ 2C5B5F

■ 78A8AC

■ 114448

■ 93C3C8

■ 002D31

■ AEDFE4

■ 001A1C

■ CAFCFE

■ 000000

■ E7FFFF

■ 457478

■ 457478

■ 397378

■ 517578

■ 2D7278

■ 5D7678

■ 217178

■ 697778

■ 157078

■ 757878

■ 096F78

■ 817978

■ 006F78

■ 8D7A78

■ 997B78

■ A57C78

■ B17C78

Harmonies

Analogous

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



4C746A



457478



4A7283

Triad

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



457478



7D657C



796B51

Complementary

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



457478



784945

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.



846656



457478



87636F

Square

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



457478



6C6A85



896361



6A6F53

Rectangle

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



457478



537087



896361



7D6952

Sweetspot

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



457478



879A9C



457848



424E4F



CFCFCF



4F4F4F

Same Dimension

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



457478



4C959C



455B78



373D3D



00737D



00E9FC

Inverse Universe

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



784574



9C4C95



786245



3D373D



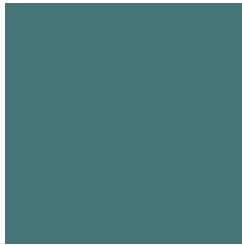
7D0073



FC00E9

Previews

White Background



This preview shows how the Hex color 457478 looks on a white background.

Color Contrast Check

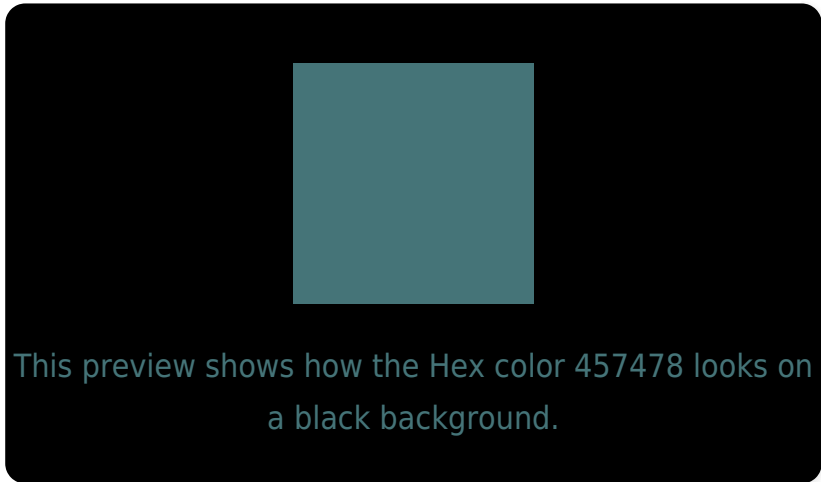
Large Text (above 18pt) WCAG AA ✓ Pass

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

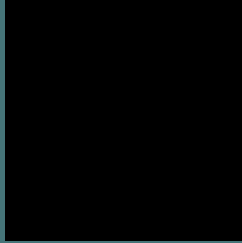
Any Text WCAG AA × Fail

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 457478 Background



This preview shows how black text looks on a background with the Hex color 457478.

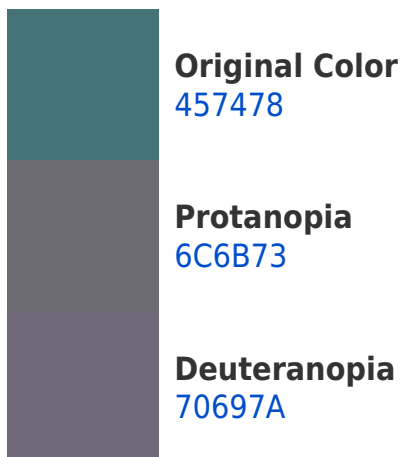


This preview shows how white text looks on a background with the Hex color 457478.

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](#).

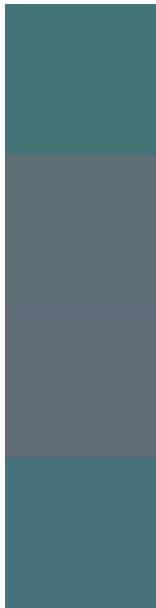
Dichromacy





Tritanopia
46737D

Trichromacy



Original Color
457478

Protanomaly
5E6E75

Deuteranomaly
606D79

Tritanomaly
46737B

Monochromacy



Original Color
457478

Achromatopsia
666666

Achromatomaly
5A6B6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 457478 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 #457478 looks like.

```
.text, #text, p{  
    color:#457478  
}
```

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 #457478 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #457478  
}
```

Border

The CSS property to change the border of an element to Hex 457478 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  
#457478 }
```

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

```
.border{ border-color:#457478 }
```

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

Here you see how a box with a 4 pixel #457478 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #457478; -webkit-box-shadow:4px 4px  
4px 4px #457478; box-shadow:4px 4px 4px  
4px #457478 }
```

Background

The CSS property to change the background color of an element to Hex 457478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#457478 }
```

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

```
.background{ background-color:#457478 }
```

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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