

Converting Colors

Hex(457489)

Have a look what the booklet for
Hex(457489) contains.

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Color

Hex(457489)

Conversions

Conversions Part 1

Format	Color
Hex	457489
RGB	69, 116, 137
RGB Percent	27%, 45%, 54%
CMY	0.7294, 0.5451, 0.4627
CMYK	0.50, 0.15, 0.00, 0.46
HSL	199°, 33%, 40%
HSV	199°, 50%, 54%
XYZ	13.2150, 15.5621, 25.9742
YIQ	104.3410, -34.7530, -3.4330

Conversions

Conversions Part 2

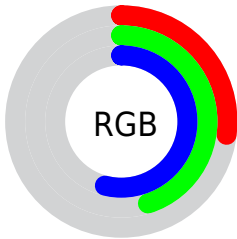
Format	Color
R_{YB}	69, 97, 137
Decimal	4551817
CIE _{Lab}	46.39, -9.92, -16.46
CIE _{LCh}	46, 19.217, 238.939
Yxy	15.5621, 0.2414, 0.2842
Android (android.graphics.Color)	4282741897 (0xFF457489)
YUV	104.3410, 16.1009, -30.9941
Hunter-Lab	39.4489, -9.2397, -11.4239

Details

The Hex color **457489** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **895A45**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **79A8BE**, and **0B4457** is the 20% darker color. If you saturate the color by 10%, you get **377089**, and if you desaturate by 10%, it is **537889**.

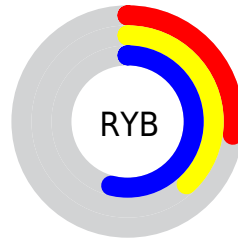
Distribution



Red (27%)

Green (45%)

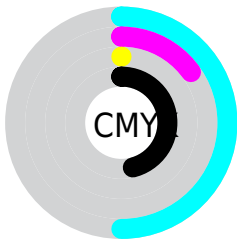
Blue (54%)



Red (27%)

Yellow (38%)

Blue (54%)

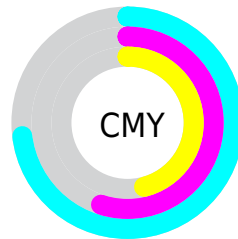


Cyan (50%)

Magenta (15%)

Yellow (0%)

Black (46%)



Cyan (73%)

Magenta (55%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 457489 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 457489 by changing the saturation by 10% instead.

■ 457489

■ 457489

FFFFFF

■ 2B5B70

■ 79A8BE

■ 0B4457

■ 94C3DA

■ 002E40

■ B0DFF7

■ 001A2A

■ CCFCFF

■ 000115

■ E9FFFF

■ 000000

■ 457489

■ 457489

■ 377089

■ 537889

■ 2A6C89

■ 607C89

■ 1C6789

■ 6E8189

■ 0E6389

■ 7C8589

■ 005F89

■ 8A8989

■ 978D89

■ A59289

■ B39689

■ C09A89

Harmonies

Analogous

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



3D777D



457489



59708E

Triad

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



457489



8D626F



697251

Complementary

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



457489



895A45

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.



7A6D4E



457489



8E635F

Square

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



457489



82657F



876753



56755D

Rectangle

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



457489



686C8C



876753



6F704F

Sweetspot

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



457489



98AAB3



458959



495459



D9D9D9



595959

Same Dimension

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



457489



4791B3



455389



3E4345



005C85



000405

Inverse Universe

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



894574



B34791



897B45



453E43



85005C



050004

Previews

White Background



This preview shows how the Hex color 457489 looks on a white background.

Color Contrast Check

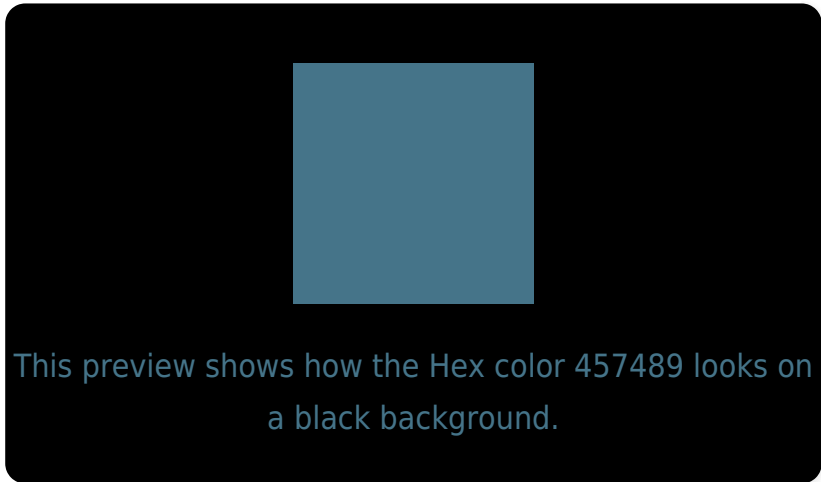
Large Text (above 18pt) WCAG AA ✓ Pass

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

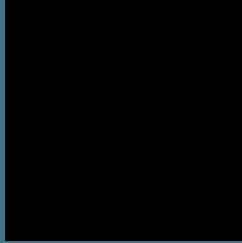
Any Text WCAG AA × Fail

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 457489 Background



This preview shows how black text looks on a background with the Hex color 457489.

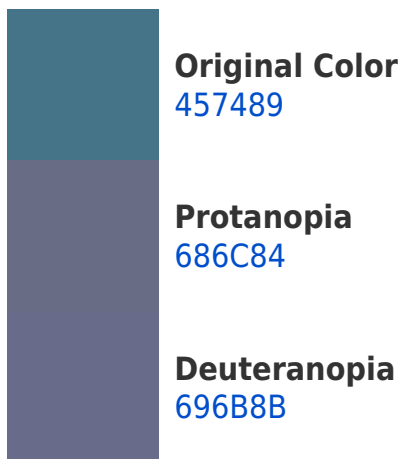



This preview shows how white text looks on a background with the Hex color 457489.

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
42767F

Trichromacy



Original Color
457489

Protanomaly
5B6F86

Deuteranomaly
5C6E8A

Tritanomaly
437583

Monochromacy



Original Color
457489

Achromatopsia
686868

Achromatomaly
5B6C74

CSS Examples

Text

The CSS property to change the color of the text to Hex 457489 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 #457489 looks like.

```
.text, #text, p{  
    color:#457489  
}
```

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 #457489 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #457489
}
```

Border

The CSS property to change the border of an element to Hex 457489 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
#457489 }
```

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

```
.border{ border-color:#457489 }
```

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

Here you see how a box with a 4 pixel #457489 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #457489; -webkit-box-shadow:4px 4px  
4px 4px #457489; box-shadow:4px 4px 4px  
4px #457489 }
```

Background

The CSS property to change the background color of an element to Hex 457489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#457489 }
```

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

```
.background{ background-color:#457489 }
```

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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