

Converting Colors

Hex(464773)

Have a look what the booklet for
Hex(464773) contains.

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Color

Hex(464773)

Conversions

Conversions Part 1

Format	Color
Hex	464773
RGB	70, 71, 115
RGB Percent	27%, 28%, 45%
CMY	0.7255, 0.7216, 0.5490
CMYK	0.39, 0.38, 0.00, 0.55
HSL	239°, 24%, 36%
HSV	239°, 39%, 45%
XYZ	7.8735, 7.0464, 17.1648
YIQ	75.7170, -14.7200, 13.4720

Conversions

Conversions Part 2

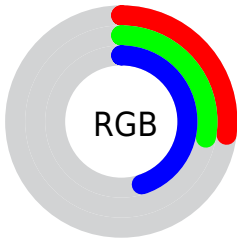
Format	Color
R_{YB}	70, 71, 115
Decimal	4605811
CIE _{Lab}	31.91, 11.44, -25.43
CIE _{LCh}	32, 27.890, 294.225
Y _{xy}	7.0464, 0.2454, 0.2196
Android (android.graphics.Color)	4282795891 (0xFF464773)
Y_{UV}	75.7170, 19.3665, -5.0138
Hunter-Lab	26.5450, 6.4913, -19.7571

Details

The Hex color **464773** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **737246**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7877A7**, and **161C43** is the 20% darker color. If you saturate the color by 10%, you get **3B3C73**, and if you desaturate by 10%, it is **525273**.

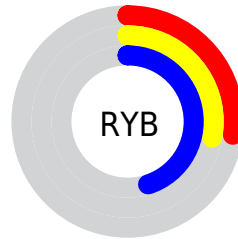
Distribution



Red (27%)

Green (28%)

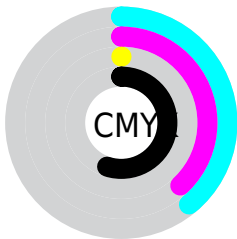
Blue (45%)



Red (27%)

Yellow (28%)

Blue (45%)

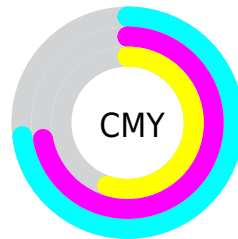


Cyan (39%)

Magenta (38%)

Yellow (0%)

Black (55%)



Cyan (73%)

Magenta (72%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464773 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 464773 by changing the saturation by 10% instead.

■ 464773

■ 464773

FFFFFF

■ 2E315A

■ 7877A7

■ 161C43

■ 9291C2

■ 01012C

■ ADABDF

■ 000117

■ C9C7FB

■ 000000

■ E6E3FF

■ 464773

■ 464773

■ 3B3C73

■ 525273

■ 2F3173

■ 5D5D73

■ 242573

■ 696973

■ 181A73

■ 747473

■ 0D0F73

■ 807F73

■ 010473

■ 8B8A73

■ 000373

■ 979673

■ A2A173

■ AEAC73

Harmonies

Analogous

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



174F76



464773



623F65

Triad

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



464773



6C4028



005646

Complementary

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



464773



737246

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.



2C5431



464773



5C481E

Square

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



464773



743A3A



464F22



00565C

Rectangle

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



464773



6E3A58



464F22



12553E

Sweetspot

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



464773



848596



467372



42424D



CCCCCC



4D4D4D

Same Dimension

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



464773



505196



5B4673



35353B



00037A



0006FA

Inverse Universe

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



734647



965051



5E7346



3B3535



7A0003



FA0006

Previews

White Background



This preview shows how the Hex color 464773 looks on a white background.

Color Contrast Check

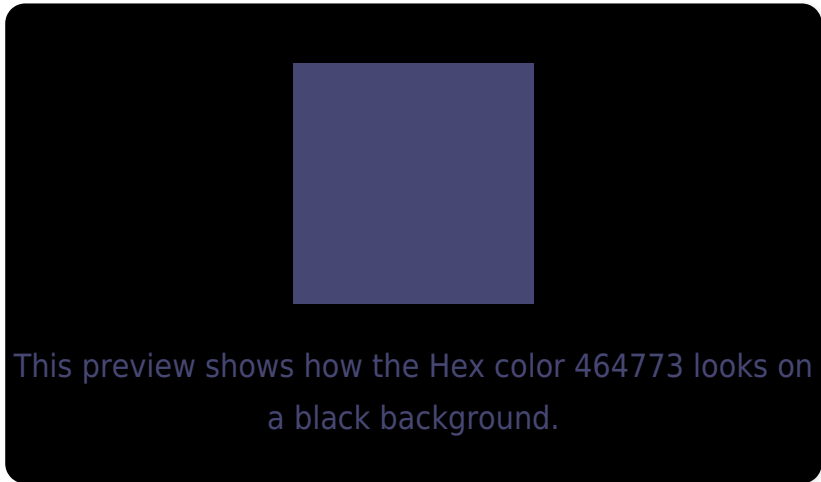
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

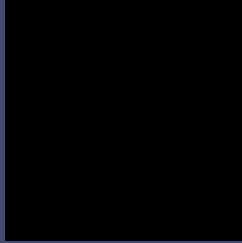
Any Text WCAG AA × Fail

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 464773 Background



This preview shows how black text looks on a background with the Hex color 464773.



This preview shows how white text looks on a background with the Hex color 464773.

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



Original Color

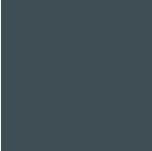
464773

Protanopia

3B4A75

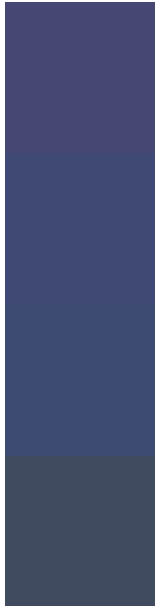
Deuteranopia

384B72



Tritanopia
3E4E54

Trichromacy



Original Color
464773

Protanomaly
3F4974

Deuteranomaly
3D4A72

Tritanomaly
414B5F

Monochromacy



Original Color
464773

Achromatopsia
4C4C4C

Achromatomaly
4A4A5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 464773 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 #464773 looks like.

```
.text, #text, p{  
    color:#464773  
}
```

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 #464773 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464773
}
```

Border

The CSS property to change the border of an element to Hex 464773 is called "border". The border property can be set on classes, ids or directly on the HTML element.

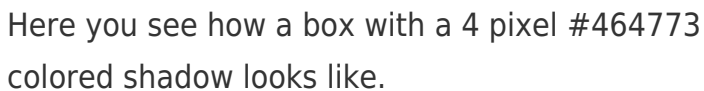
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464773 }
```

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

```
.border{ border-color:#464773 }
```

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



Here you see how a box with a 4 pixel #464773 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464773; -webkit-box-shadow:4px 4px  
4px 4px #464773; box-shadow:4px 4px 4px  
4px #464773 }
```

Background

The CSS property to change the background color of an element to Hex 464773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464773 }
```

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

```
.background{ background-color:#464773 }
```

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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