

Converting Colors

Hex(444772)

Have a look what the booklet for
Hex(444772) contains.

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Color

Hex(444772)

Conversions

Conversions Part 1

Format	Color
Hex	444772
RGB	68, 71, 114
RGB Percent	27%, 28%, 45%
CMY	0.7333, 0.7216, 0.5529
CMYK	0.40, 0.38, 0.00, 0.55
HSL	236°, 25%, 36%
HSV	236°, 40%, 45%
XYZ	7.6744, 6.9503, 16.8567
YIQ	75.0050, -15.5910, 12.7370

Conversions

Conversions Part 2

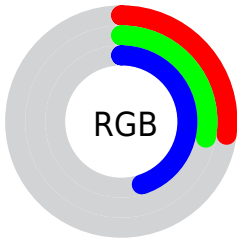
Format	Color
RYB	68, 71, 114
Decimal	4474738
CIELab	31.69, 10.53, -25.16
CIElCh	32, 27.276, 292.716
Yxy	6.9503, 0.2438, 0.2208
Android (android.graphics.Color)	4282664818 (0xFF444772)
YUV	75.0050, 19.2245, -6.1434
Hunter-Lab	26.3635, 5.8252, -19.4553

Details

The Hex color **444772** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **726F44**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7677A6**, and **141C42** is the 20% darker color. If you saturate the color by 10%, you get **393C72**, and if you desaturate by 10%, it is **4F5272**.

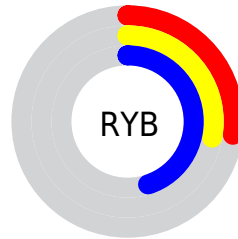
Distribution



Red (27%)

Green (28%)

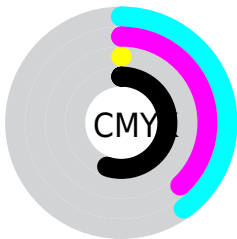
Blue (45%)



Red (27%)

Yellow (28%)

Blue (45%)

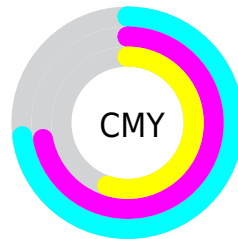


Cyan (40%)

Magenta (38%)

Yellow (0%)

Black (55%)



Cyan (73%)

Magenta (72%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 444772 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 444772 by changing the saturation by 10% instead.

■ 444772

■ 444772

FFFFFF

■ 2C3159

■ 7677A6

■ 141C42

■ 9091C1

■ 00012C

■ ABABDD

■ 000116

■ C7C7FA

■ 000000

■ E3E3FF

■ 444772

■ 444772

■ 393C72

■ 4F5272

■ 2D3272

■ 5B5C72

■ 222772

■ 666772

■ 161C72

■ 727272

■ 0B1272

■ 7D7C72

■ 000772

■ 888772

■ 949272

■ 9F9C72

■ ABA772

Harmonies

Analogous

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



164E75



444772



603F65

Triad

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



444772



6B4029



015544

Complementary

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



444772



726F44

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.



2E5330



444772



5C481F

Square

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



444772



733A3B



474E22



00555A

Rectangle

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



444772



6C3A58



474E22



16553D

Sweetspot

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



444772



828394



44726F



40404A



C9C9C9



4A4A4A

Same Dimension

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



444772



4D5294



584472



323338



000878



0010F7

Inverse Universe

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



724447



944D52



5E7244



383233



780008



F70010

Previews

White Background



This preview shows how the Hex color 444772 looks on a white background.

Color Contrast Check

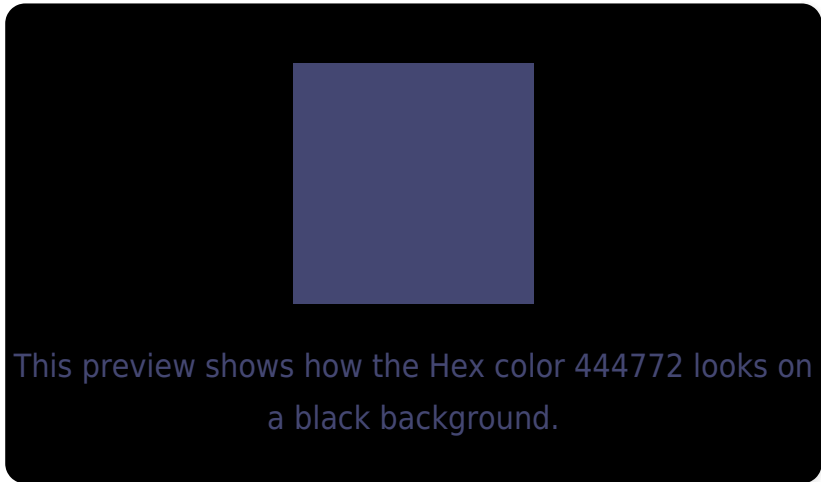
Large Text (above 18pt) WCAG AA ✓ Pass

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

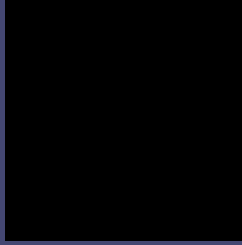
Any Text WCAG AA × Fail

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 444772 Background



This preview shows how black text looks on a background with the Hex color 444772.

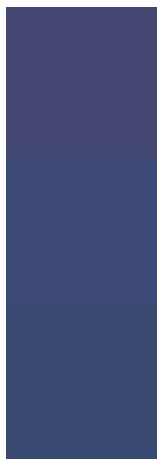


This preview shows how white text looks on a background with the Hex color 444772.

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

444772

Protanopia

3B4974

Deuteranopia

384A71



Tritanopia
3C4D54

Trichromacy



Original Color
444772

Protanomaly
3E4873

Deuteranomaly
3C4971

Tritanomaly
3F4B5F

Monochromacy



Original Color
444772

Achromatopsia
4B4B4B

Achromatomaly
484A59

CSS Examples

Text

The CSS property to change the color of the text to Hex 444772 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 #444772 looks like.

```
.text, #text, p{  
    color:#444772  
}
```

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 #444772 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #444772
}
```

Border

The CSS property to change the border of an element to Hex 444772 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
#444772 }
```

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

```
.border{ border-color:#444772 }
```

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

Here you see how a box with a 4 pixel #444772 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #444772; -webkit-box-shadow:4px 4px  
4px 4px #444772; box-shadow:4px 4px 4px  
4px #444772 }
```

Background

The CSS property to change the background color of an element to Hex 444772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#444772 }
```

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

```
.background{ background-color:#444772 }
```

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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