

Converting Colors

Hex(444C84)

Have a look what the booklet for
Hex(444C84) contains.

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Color

Hex(444C84)

Conversions

Conversions Part 1

Format	Color
Hex	444C84
RGB	68, 76, 132
RGB Percent	27%, 30%, 52%
CMY	0.7333, 0.7020, 0.4824
CMYK	0.48, 0.42, 0.00, 0.48
HSL	232°, 32%, 39%
HSV	232°, 48%, 52%
XYZ	9.1332, 8.0638, 22.9049
YIQ	79.9920, -22.7440, 15.7200

Conversions

Conversions Part 2

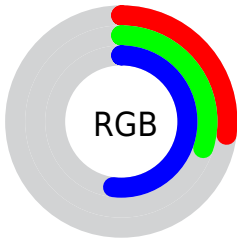
Format	Color
R _{YB}	68, 75, 132
Decimal	4476036
CIE Lab	34.12, 13.00, -32.54
CIE LCh	34, 35.042, 291.778
Yxy	8.0638, 0.2277, 0.2011
Android (android.graphics.Color)	4282666116 (0xFF444C84)
YUV	79.9920, 25.6399, -10.5170
Hunter-Lab	28.3968, 7.7162, -27.9457

Details

The Hex color **444C84** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **847C44**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **787DB9**, and **0D2052** is the 20% darker color. If you saturate the color by 10%, you get **374084**, and if you desaturate by 10%, it is **515884**.

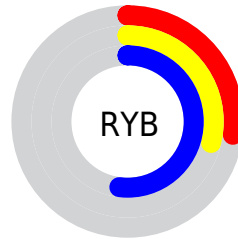
Distribution



Red (27%)

Green (30%)

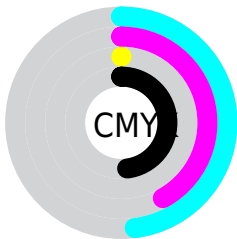
Blue (52%)



Red (27%)

Yellow (29%)

Blue (52%)

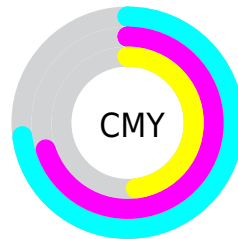


Cyan (48%)

Magenta (42%)

Yellow (0%)

Black (48%)



Cyan (73%)

Magenta (70%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 444C84 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 444C84 by changing the saturation by 10% instead.



444C84



444C84

FFFFFF



2A356B



787DB9



0D2052



9396D5



000A3B



AEB1F2



000224



CACDFF



00000C



E7E9FF



000000



444C84



444C84



374084



515884



2A3584



5E6384

■ 1C2984

■ 6C6F84

■ 0F1E84

■ 797A84

■ 021284

■ 868684

■ 001184

■ 939184

■ A09D84

■ AEA884

■ BBB484

Harmonies

Analogous

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



005687



444C84



6B4073

Triad

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



444C84



7A4125



005D47

Complementary

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



444C84



847C44

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.



295B2C



444C84



664C16

Square

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



444C84



83393D



4C5519



005E64

Rectangle

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



444C84



7A3A62



4C5519



005D3E

Sweetspot

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



444C84



9194AB



44847B



474957



D6D6D6



575757

Same Dimension

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



444C84



4854AB



5B4484



3C3C42



001082



000003

Inverse Universe

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



84444C



AB4854



6D8444



423C3C



820010



030000

Previews

White Background



This preview shows how the Hex color 444C84 looks on a white background.

Color Contrast Check

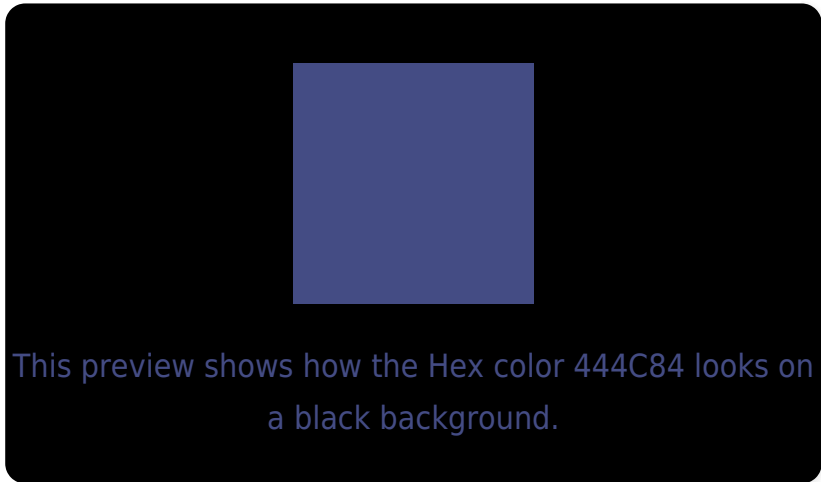
Large Text (above 18pt) WCAG AA ✓ Pass

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

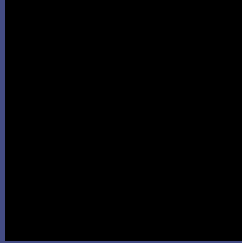
Any Text WCAG AA × Fail

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 444C84 Background



This preview shows how black text looks on a background with the Hex color 444C84.



This preview shows how white text looks on a background with the Hex color 444C84.

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


444C84

Protanopia

394E86

Deuteranopia

305083



Tritanopia
38555C

Trichromacy



Original Color
444C84

Protanomaly
3D4D85

Deuteranomaly
374F83

Tritanomaly
3C526B

Monochromacy



Original Color
444C84

Achromatopsia
505050

Achromatomaly
4C4F63

CSS Examples

Text

The CSS property to change the color of the text to Hex 444C84 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 #444C84 looks like.

```
.text, #text, p{  
    color:#444C84  
}
```

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 #444C84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #444C84
}
```

Border

The CSS property to change the border of an element to Hex 444C84 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
#444C84 }
```

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

```
.border{ border-color:#444C84 }
```

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

Here you see how a box with a 4 pixel #444C84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #444C84; -webkit-box-shadow:4px 4px  
4px 4px #444C84; box-shadow:4px 4px 4px  
4px #444C84 }
```

Background

The CSS property to change the background color of an element to Hex 444C84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#444C84 }
```

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

```
.background{ background-color:#444C84 }
```

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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