

Converting Colors

Hex(444584)

Have a look what the booklet for
Hex(444584) contains.

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Color

Hex(444584)

Conversions

Conversions Part 1

Format	Color
Hex	444584
RGB	68, 69, 132
RGB Percent	27%, 27%, 52%
CMY	0.7333, 0.7294, 0.4824
CMYK	0.48, 0.48, 0.00, 0.48
HSL	239°, 32%, 39%
HSV	239°, 48%, 52%
XYZ	8.6769, 7.1511, 22.7528
YIQ	75.8830, -20.8190, 19.3810

Conversions

Conversions Part 2

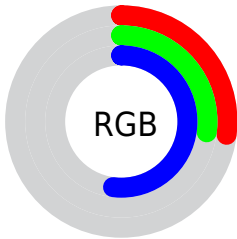
Format	Color
R_{YB}	68, 69, 132
Decimal	4474244
CIE _{Lab}	32.15, 17.60, -35.67
CIE _{LCh}	32, 39.774, 296.263
Yxy	7.1511, 0.2249, 0.1854
Android (android.graphics.Color)	4282664324 (0xFF444584)
YUV	75.8830, 27.6657, -6.9134
Hunter-Lab	26.7416, 11.1203, -31.7271

Details

The Hex color **444584** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **848344**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7875BA**, and **0C1A52** is the 20% darker color. If you saturate the color by 10%, you get **373884**, and if you desaturate by 10%, it is **515284**.

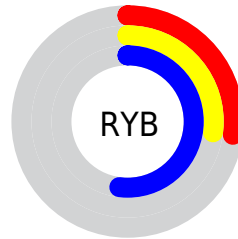
Distribution



Red (27%)

Green (27%)

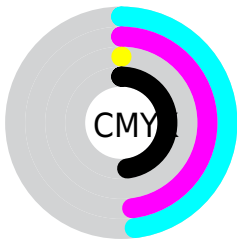
Blue (52%)



Red (27%)

Yellow (27%)

Blue (52%)

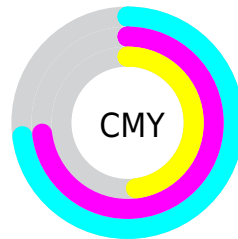


Cyan (48%)

Magenta (48%)

Yellow (0%)

Black (48%)



Cyan (73%)

Magenta (73%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 444584 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 444584 by changing the saturation by 10% instead.

■ 444584

■ 444584

FFFFFF

■ 2A2F6A

■ 7875BA

■ 0C1A52

■ 938FD5

■ 00003B

■ AEA9F2

■ 000224

■ CAC4FF

■ 00000C

■ E7E0FF

■ 000000

FFFDFF

■ 444584

■ 444584

■ 373884

■ 515284

■ 2A2B84

■ 5E5F84

■ 1C1E84

■ 6C6C84

■ 0F1184

■ 797984

■ 020484

■ 868684

■ 000284

■ 939384

■ A0A084

■ AEAD84

■ BBBA84

Harmonies

Analogous

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



00508A



444584



6E376F

Triad

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



444584



763C17



005A47

Complementary

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



444584



848344

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.



115727



444584



5E4903

Square

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



444584



833032



40520C



005A66

Rectangle

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



444584



7D2F5B



40520C



00593C

Sweetspot

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



444584



9192AB



448483



474757



D6D6D6



575757

Same Dimension

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



444584



4849AB



634484



3C3C42



000282



000003

Inverse Universe

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



844445



AB4849



658444



423C3C



820002



030000

Previews

White Background



This preview shows how the Hex color 444584 looks on a white background.

Color Contrast Check

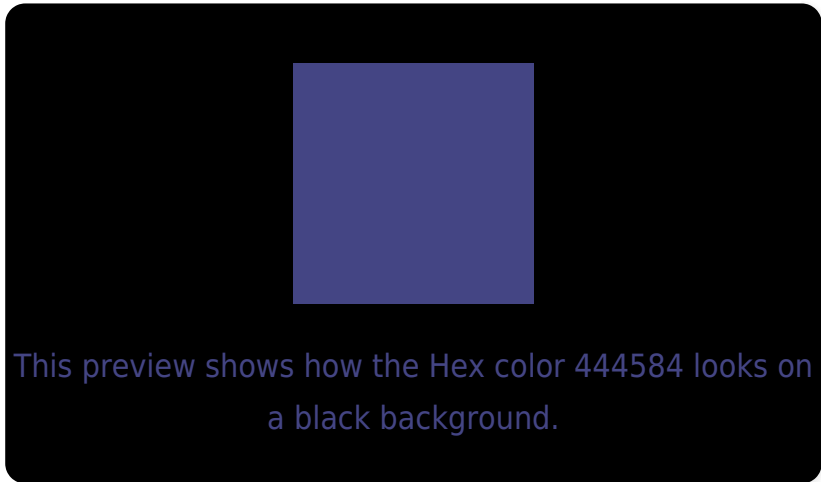
Large Text (above 18pt) WCAG AA ✓ Pass

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

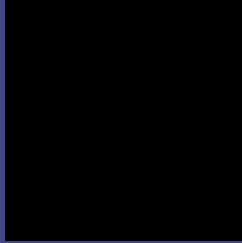
Any Text WCAG AA × Fail

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 444584 Background



This preview shows how black text looks on a background with the Hex color 444584.

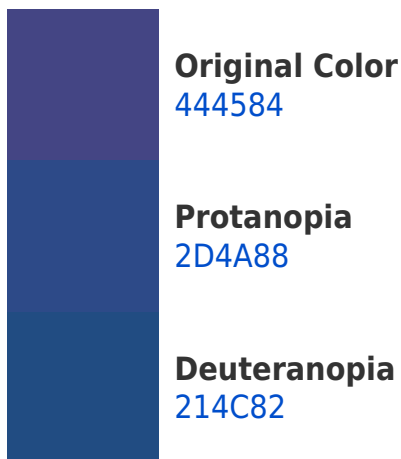


This preview shows how white text looks on a background with the Hex color 444584.

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
365056

Trichromacy



Original Color
444584

Protanomaly
354887

Deuteranomaly
2E4983

Tritanomaly
3B4C67

Monochromacy



Original Color
444584

Achromatopsia
4C4C4C

Achromatomaly
494960

CSS Examples

Text

The CSS property to change the color of the text to Hex 444584 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 #444584 looks like.

```
.text, #text, p{  
    color:#444584  
}
```

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 #444584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #444584
}
```

Border

The CSS property to change the border of an element to Hex 444584 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
#444584 }
```

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

```
.border{ border-color:#444584 }
```

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

Here you see how a box with a 4 pixel #444584 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #444584; -webkit-box-shadow:4px 4px  
4px 4px #444584; box-shadow:4px 4px 4px  
4px #444584 }
```

Background

The CSS property to change the background color of an element to Hex 444584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#444584 }
```

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

```
.background{ background-color:#444584 }
```

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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