

# Converting Colors

Hex(444C91)

Have a look what the booklet for  
Hex(444C91) contains.

<b>Hex(444C91)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(444C91)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	444C91
RGB	68, 76, 145
RGB Percent	27%, 30%, 57%
CMY	0.7333, 0.7020, 0.4314
CMYK	0.53, 0.48, 0.00, 0.43
HSL	234°, 36%, 42%
HSV	234°, 53%, 57%
XYZ	10.0792, 8.4422, 27.8863
YIQ	81.4740, -26.9170, 19.7630

# Conversions

## Conversions Part 2

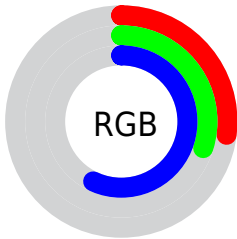
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	68, 75, 145
Decimal	4476049
CIE Lab	34.89, 17.32, -39.27
CIE LCh	35, 42.925, 293.800
Yxy	8.4422, 0.2172, 0.1819
Android (android.graphics.Color)	4282666129 (0xFF444C91)
YUV	81.4740, 31.3183, -11.8167
Hunter-Lab	29.0554, 11.0738, -36.5657

# Details

The Hex color **444C91** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **918944**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **797DC7**, and **04205E** is the 20% darker color. If you saturate the color by 10%, you get **363F91**, and if you desaturate by 10%, it is **535991**.

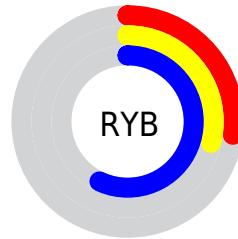
# Distribution



Red (27%)

Green (30%)

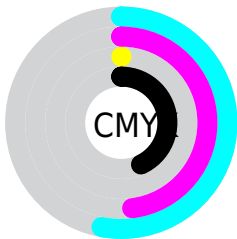
Blue (57%)



Red (27%)

Yellow (29%)

Blue (57%)

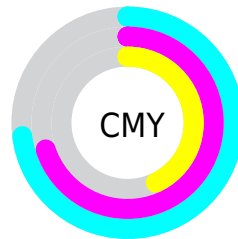


Cyan (53%)

Magenta (48%)

Yellow (0%)

Black (43%)



Cyan (73%)

Magenta (70%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 444C91 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 444C91 by changing the saturation by 10% instead.



■ 444C91

■ 444C91

FFFFFF

■ 283577

■ 797DC7

■ 04205E

■ 9596E4

■ 000B46

■ B0B1FF

■ 00042F

■ CDCDFE

■ 000119

■ EAE9FF

■ 000000

■ 444C91

■ 444C91

■ 363F91

■ 535991

■ 273291

■ 616691

■ 192591

■ 707391

■ 0A1891

■ 7E8091

■ 000F91

■ 8D8D91

■ 9B9A91

■ AAA791

■ B8B491

■ C6C191

# Harmonies

## Analogous

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



005896



444C91



743C7B

# Triad

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



444C91



81401A



00624A

# Complementary

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



444C91



918944

# 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.



185F27



444C91



694E02

# Square

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



444C91



8F3339



485809



00626D

# Rectangle

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



444C91



863366



485809



00613E



# Sweetspot

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



444C91



9FA2BD



449188



4C4E5E



DEDEDE



5E5E5E



# Same Dimension

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



444C91



4450BD



624491



404147



000E87



000108



# Inverse Universe

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



91444C



BD4450



739144



474041



87000E



080001



# Previews

## White Background



This preview shows how the Hex color 444C91 looks on a white background.

## Color Contrast Check

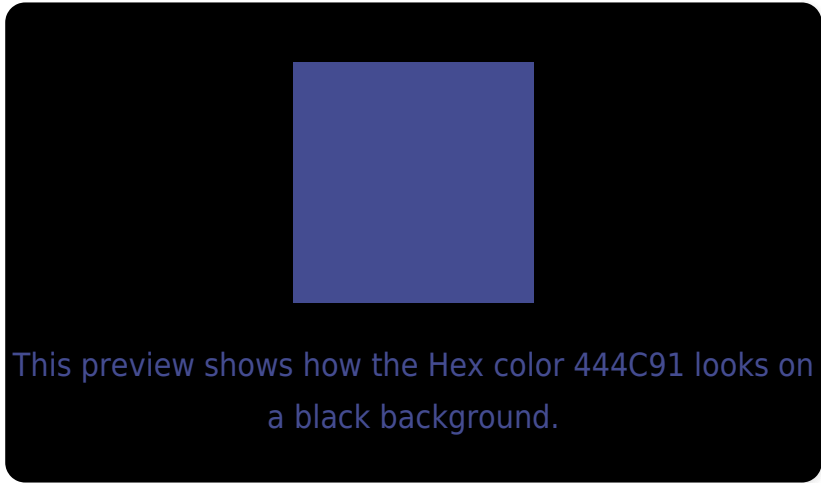
Large Text (above 18pt) WCAG AA ✓ Pass

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

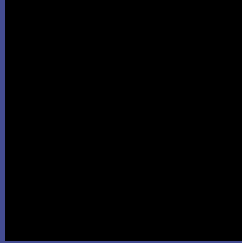
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 444C91 Background



This preview shows how black text looks on a background with the Hex color 444C91.

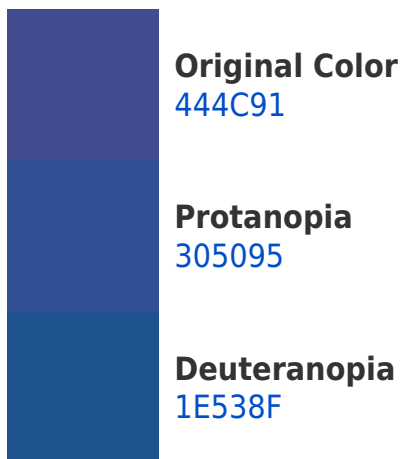



This preview shows how white text looks on a background with the Hex color 444C91.

# 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](#).

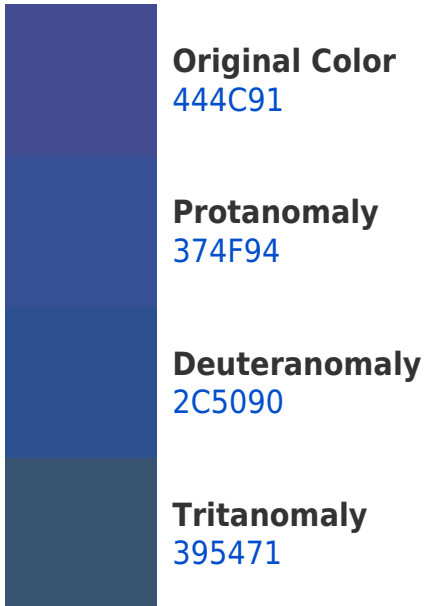
## Dichromacy





**Tritanopia**  
33585F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 444C91 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 #444C91 looks like.

```
.text, #text, p{  
    color:#444C91  
}
```

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 #444C91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #444C91
}
```

## Border

The CSS property to change the border of an element to Hex 444C91 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
#444C91 }
```

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

```
.border{ border-color:#444C91 }
```

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

Here you see how a box with a 4 pixel #444C91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #444C91; -webkit-box-shadow:4px 4px  
4px 4px #444C91; box-shadow:4px 4px 4px  
4px #444C91 }
```

# Background

The CSS property to change the background color of an element to Hex 444C91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#444C91 }
```

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

```
.background{ background-color:#444C91 }
```

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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