

Converting Colors

Hex(474691)

Have a look what the booklet for
Hex(474691) contains.

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Color

Hex(474691)

Conversions

Conversions Part 1

Format	Color
Hex	474691
RGB	71, 70, 145
RGB Percent	28%, 27%, 57%
CMY	0.7216, 0.7255, 0.4314
CMYK	0.51, 0.52, 0.00, 0.43
HSL	241°, 35%, 42%
HSV	241°, 52%, 57%
XYZ	9.8995, 7.7642, 27.7650
YIQ	78.8490, -23.4790, 23.5370

Conversions

Conversions Part 2

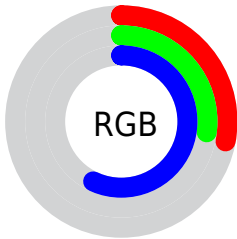
Format	Color
R_{YB}	71, 70, 145
Decimal	4671121
CIE _{Lab}	33.49, 21.94, -41.50
CIE _{LCh}	33, 46.948, 297.866
Yxy	7.7642, 0.2179, 0.1709
Android (android.graphics.Color)	4282861201 (0xFF474691)
YUV	78.8490, 32.6124, -6.8836
Hunter-Lab	27.8644, 14.6539, -39.5733

Details

The Hex color **474691** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **909146**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **7C76C7**, and **0A1B5E** is the 20% darker color. If you saturate the color by 10%, you get **393891**, and if you desaturate by 10%, it is **555591**.

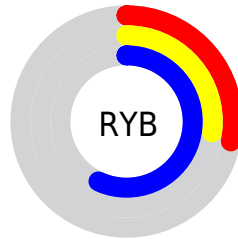
Distribution



Red (28%)

Green (27%)

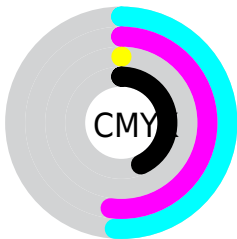
Blue (57%)



Red (28%)

Yellow (27%)

Blue (57%)

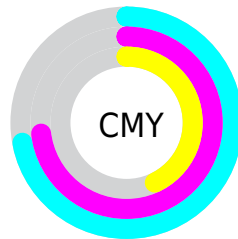


Cyan (51%)

Magenta (52%)

Yellow (0%)

Black (43%)



Cyan (72%)

Magenta (73%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 474691 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 474691 by changing the saturation by 10% instead.

■ 474691

■ 474691

FFFFFF

■ 2C3077

■ 7C76C7

■ 0A1B5E

■ 9890E4

■ 000346

■ B4AAFF

■ 00042E

■ D0C6FF

■ 000119

■ EDE2FF

■ 000000

FFFEFF

■ 474691

■ 474691

■ 393891

■ 555591

■ 2A2991

■ 646391

■ 1C1B91

■ 727291

■ 0E0C91

■ 808091

■ 020091

■ 8F8F91

■ 9D9D91

■ ABAB91

■ B9BA91

■ C8C991

Harmonies

Analogous

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



005499



474691



783477

Triad

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



474691



7E3D0B



005F4B

Complementary

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



474691



909146

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.



005D24



474691



624C00

Square

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



474691



8E2C2E



3E5700



005F71

Rectangle

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



474691



89295F



3E5700



005F3E

Sweetspot

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



474691



9F9FBD



469191



4D4C5E



DEDEDE



5E5E5E

Same Dimension

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



474691



4948BD



6C4691



404047



020087



000008

Inverse Universe

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



914690



BD48BB



6C9146



474047



870085



080008

Previews

White Background



This preview shows how the Hex color 474691 looks on a white background.

Color Contrast Check

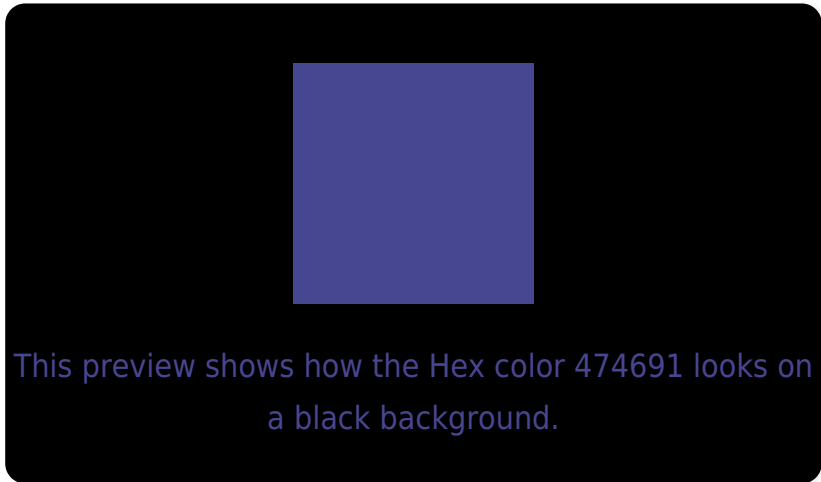
Large Text (above 18pt) WCAG AA ✓ Pass

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

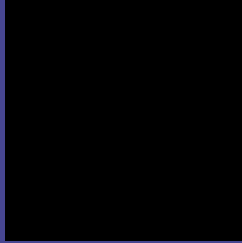
Any Text WCAG AA × Fail

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 474691 Background



This preview shows how black text looks on a background with the Hex color 474691.



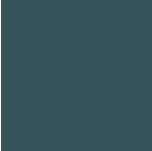
This preview shows how white text looks on a background with the Hex color 474691.

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
36535A

Trichromacy



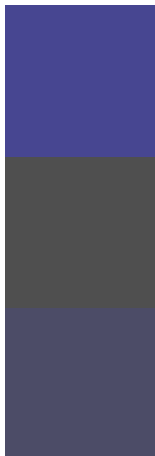
Original Color
474691

Protanomaly
304A95

Deuteranomaly
1A4C8F

Tritanomaly
3C4E6E

Monochromacy



Original Color
474691

Achromatopsia
4F4F4F

Achromatomaly
4C4C67

CSS Examples

Text

The CSS property to change the color of the text to Hex 474691 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 #474691 looks like.

```
.text, #text, p{  
    color:#474691  
}
```

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 #474691 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474691
}
```

Border

The CSS property to change the border of an element to Hex 474691 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".

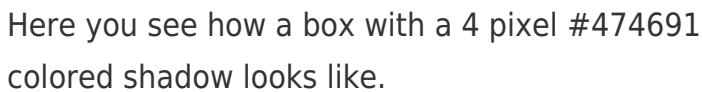
```
.border, #border, table{ border:4px solid
#474691 }
```

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

```
.border{ border-color:#474691 }
```

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

Here you see how a box with a 4 pixel #474691 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border. The shadow is a thick, dark blue horizontal bar at the bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474691; -webkit-box-shadow:4px 4px  
4px 4px #474691; box-shadow:4px 4px 4px  
4px #474691 }
```

Background

The CSS property to change the background color of an element to Hex 474691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474691 }
```

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

```
.background{ background-color:#474691 }
```

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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