

Converting Colors

Hex(450F96)

Have a look what the booklet for
Hex(450F96) contains.

Hex(450F96)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(450F96)

Conversions

Conversions Part 1

Format	Color
Hex	450F96
RGB	69, 15, 150
RGB Percent	27%, 6%, 59%
CMY	0.7294, 0.9412, 0.4118
CMYK	0.54, 0.90, 0.00, 0.41
HSL	264°, 82%, 32%
HSV	264°, 90%, 59%
XYZ	8.1301, 3.8089, 29.1608
YIQ	46.5360, -11.1510, 53.4330

Conversions

Conversions Part 2

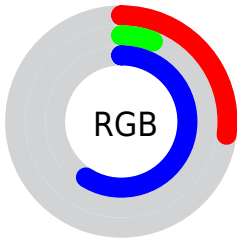
Format	Color
R_{YB}	69, 15, 150
Decimal	4525974
CIE _{Lab}	23.03, 52.07, -61.63
CIE _{LCh}	23, 80.681, 310.199
Yxy	3.8089, 0.1978, 0.0927
Android (android.graphics.Color)	4282716054 (0xFF450F96)
YUV	46.5360, 51.0078, 19.7009
Hunter-Lab	19.5163, 40.2058, -74.9284

Details

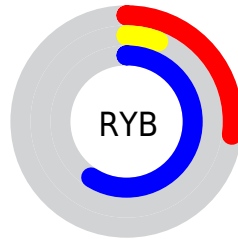
The Hex color **450F96** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **60960F**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **7F45CD**, and **000062** is the 20% darker color. If you saturate the color by 10%, you get **3C0096**, and if you desaturate by 10%, it is **4E1E96**.

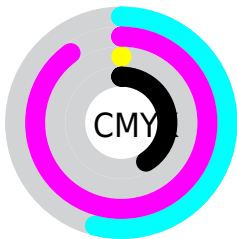
Distribution



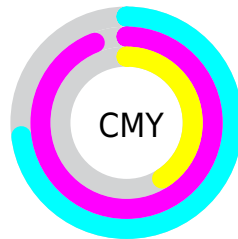
- Red (27%)
- Green (6%)
- Blue (59%)



- Red (27%)
- Yellow (6%)
- Blue (59%)



- Cyan (54%)
- Magenta (90%)
- Yellow (0%)
- Black (41%)



- Cyan (73%)
- Magenta (94%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 450F96 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 450F96 by changing the saturation by 10% instead.

 450F96

 450F96


FFFFFF

 25007B


 7F45CD

 000062

 9B5FEA

 000049

 B879FF

 000431

 D694FF

 00011B

 F3AFFF

 000000

 FFCBFF

 FFE8FF

 450F96

 450F96

■ 3C0096

■ 4E1E96

■ 572D96

■ 603C96

■ 694B96

■ 725A96

■ 7B6996

■ 847896

■ 8D8796

■ 969696

Harmonies

Analogous

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



003CB3



450F96



870061

Triad

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



450F96



632200



004B4B

Complementary

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



450F96



60960F

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.



004906



450F96



323C00

Square

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



450F96



870000



004500



004C86

Rectangle

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



450F96



95003A



004500



004A36

Sweetspot

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



450F96



A28DC2



0F6096



4E4261



E0E0E0



616161

Same Dimension

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



450F96



4E00C2



890F96



46434A



37008A



04000A

Inverse Universe

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



960F60



C20074



1D960F



4A4347



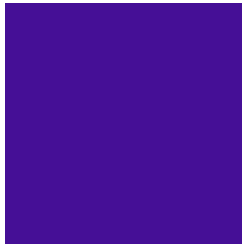
8A0053



0A0006

Previews

White Background



This preview shows how the Hex color 450F96 looks on a white background.

Color Contrast Check

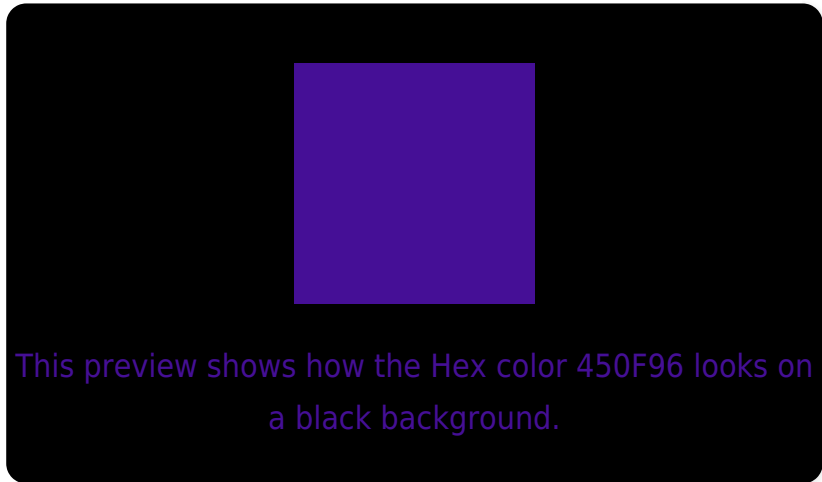
Large Text (above 18pt) WCAG AA ✓ Pass

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

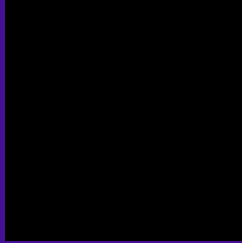
Any Text WCAG AA × Fail

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 450F96 Background



This preview shows how black text looks on a background with the Hex color 450F96.



This preview shows how white text looks on a background with the Hex color 450F96.

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](#).

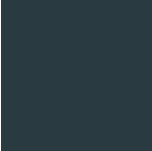
Dichromacy



Original Color
450F96

Protanopia
003773

Deuteranopia
003A62



Tritanopia
293B40

Trichromacy



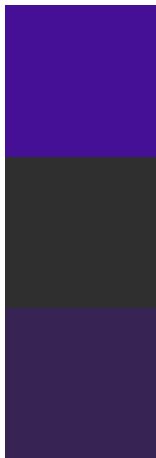
Original Color
450F96

Protanomaly
192880

Deuteranomaly
192A75

Tritanomaly
332B5F

Monochromacy



Original Color
450F96

Achromatopsia
2F2F2F

Achromatomaly
372354

CSS Examples

Text

The CSS property to change the color of the text to Hex 450F96 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 #450F96 looks like.

```
.text, #text, p{  
    color:#450F96  
}
```

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 #450F96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #450F96
}
```

Border

The CSS property to change the border of an element to Hex 450F96 is called "border". The border property can be set on classes, ids or directly on the HTML element.

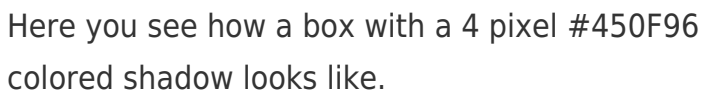
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#450F96 }
```

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

```
.border{ border-color:#450F96 }
```

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



Here you see how a box with a 4 pixel #450F96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #450F96; -webkit-box-shadow:4px 4px  
4px 4px #450F96; box-shadow:4px 4px 4px  
4px #450F96 }
```

Background

The CSS property to change the background color of an element to Hex 450F96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#450F96 }
```

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

```
.background{ background-color:#450F96 }
```

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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