

# Converting Colors

Hex(452695)

Have a look what the booklet for  
Hex(452695) contains.

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# Color

**Hex(452695)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	452695
RGB	69, 38, 149
RGB Percent	27%, 15%, 58%
CMY	0.7294, 0.8510, 0.4157
CMYK	0.54, 0.74, 0.00, 0.42
HSL	257°, 59%, 37%
HSV	257°, 74%, 58%
XYZ	8.5722, 4.8214, 28.9126
YIQ	59.9230, -17.1550, 41.0930

# Conversions

## Conversions Part 2

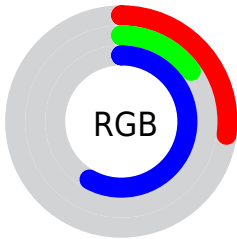
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	69, 38, 149
Decimal	4531861
CIE <sub>Lab</sub>	26.22, 42.25, -55.76
CIE <sub>LCh</sub>	26, 69.954, 307.150
Yxy	4.8214, 0.2026, 0.1140
Android (android.graphics.Color)	4282721941 (0xFF452695)
YUV	59.9230, 43.9150, 7.9605
Hunter-Lab	21.9576, 31.2600, -62.6996

# Details

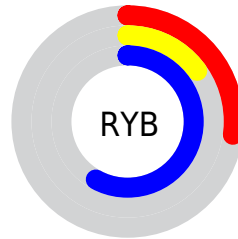
The Hex color **452695** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **769526**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **7D56CC**, and **000061** is the 20% darker color. If you saturate the color by 10%, you get **3A1795**, and if you desaturate by 10%, it is **503595**.

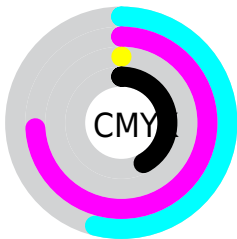
# Distribution



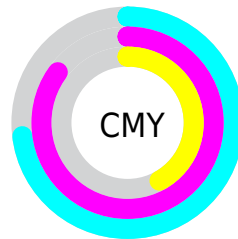
- Red (27%)
- Green (15%)
- Blue (58%)



- Red (27%)
- Yellow (15%)
- Blue (58%)



- Cyan (54%)
- Magenta (74%)
- Yellow (0%)
- Black (42%)



- Cyan (73%)
- Magenta (85%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 452695 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 452695 by changing the saturation by 10% instead.



 452695

 452695

FFFFFF

 270E7B

 7D56CC

 000061

 996FE9

 000048

 B689FF

 000431

 D3A4FF

 00011B

 F0C0FF

 000000

 FFDCFF

 FFF9FF

 452695

 452695

■ 3A1795

■ 503595

■ 300895

■ 5A4495

■ 2A0095

■ 655395

■ 706295

■ 7B7195

■ 857F95

■ 908E95

■ 9B9D95

■ A6AC95

# Harmonies

## Analogous

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



0043AB



452695



830069

# Triad

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



452695



6C2A00



00514A

# Complementary

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



452695



769526

# 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.



004F0E



452695



424100

# Square

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



452695



8A0000



004B00



00527E

# Rectangle

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



452695



920046



004B00



005137



# Sweetspot

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



452695



A397C2



267795



4F4861



E0E0E0



616161



# Same Dimension

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



452695



4515C2



7B2695



45434A



26008A



03000A



# Inverse Universe

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



952676



C21592



409526



4A4348



8A0063

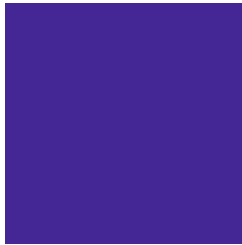


0A0007



# Previews

## White Background



This preview shows how the Hex color 452695 looks on a white background.

## Color Contrast Check

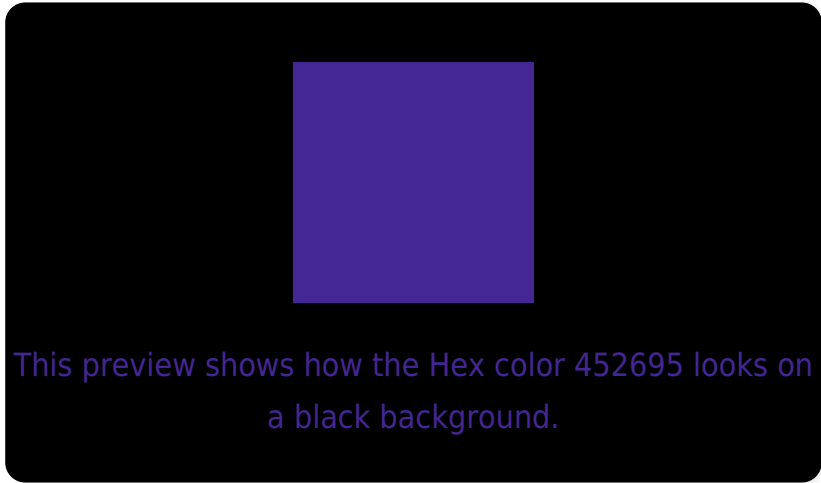
Large Text (above 18pt) WCAG AA ✓ Pass

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

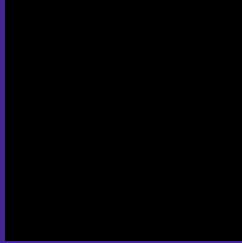
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 452695 Background



This preview shows how black text looks on a background with the Hex color 452695.

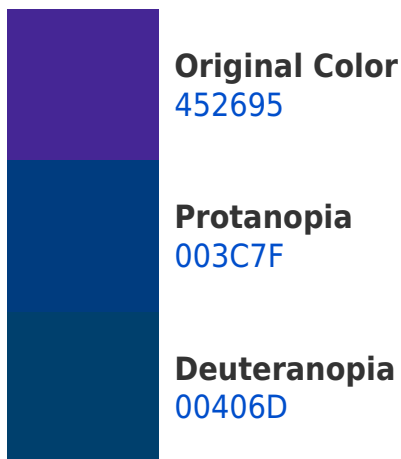


This preview shows how white text looks on a background with the Hex color 452695.

# 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**  
2B4247

# Trichromacy



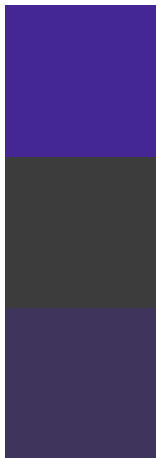
**Original Color**  
452695

**Protanomaly**  
193487

**Deuteranomaly**  
19377C

**Tritanomaly**  
343863

# Monochromacy



**Original Color**  
452695

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
3F345C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 452695 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 #452695 looks like.

```
.text, #text, p{  
    color:#452695  
}
```

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 #452695 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #452695
}
```

## Border

The CSS property to change the border of an element to Hex 452695 is called "border". The border property can be set on classes, ids or directly on the HTML element.

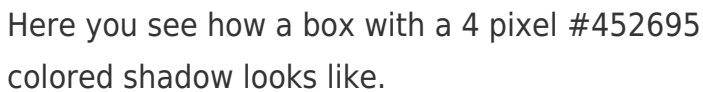
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#452695 }
```

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

```
.border{ border-color:#452695 }
```

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



Here you see how a box with a 4 pixel #452695 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #452695; -webkit-box-shadow:4px 4px  
4px 4px #452695; box-shadow:4px 4px 4px  
4px #452695 }
```

# Background

The CSS property to change the background color of an element to Hex 452695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#452695 }
```

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

```
.background{ background-color:#452695 }
```

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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