

Converting Colors

Hex(453F95)

Have a look what the booklet for
Hex(453F95) contains.

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Color

Hex(453F95)

Conversions

Conversions Part 1

Format	Color
Hex	453F95
RGB	69, 63, 149
RGB Percent	27%, 25%, 58%
CMY	0.7294, 0.7529, 0.4157
CMYK	0.54, 0.58, 0.00, 0.42
HSL	244°, 41%, 42%
HSV	244°, 58%, 58%
XYZ	9.6566, 6.9901, 29.2740
YIQ	74.5980, -24.0300, 28.0180

Conversions

Conversions Part 2

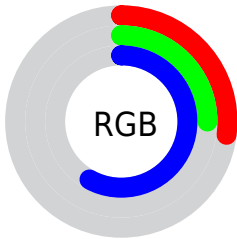
Format	Color
R_{YB}	69, 63, 149
Decimal	4538261
CIE _{Lab}	31.78, 27.34, -46.70
CIE _{LCh}	32, 54.112, 300.350
Yxy	6.9901, 0.2103, 0.1522
Android (android.graphics.Color)	4282728341 (0xFF453F95)
YUV	74.5980, 36.6802, -4.9094
Hunter-Lab	26.4389, 18.9275, -47.1407

Details

The Hex color **453F95** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8F953F**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **7C6FCC**, and **001461** is the 20% darker color. If you saturate the color by 10%, you get **373095**, and if you desaturate by 10%, it is **534E95**.

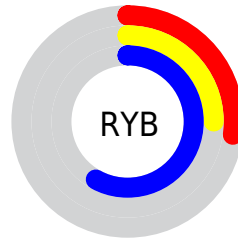
Distribution



Red (27%)

Green (25%)

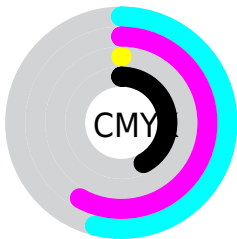
Blue (58%)



Red (27%)

Yellow (25%)

Blue (58%)

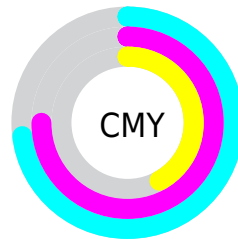


Cyan (54%)

Magenta (58%)

Yellow (0%)

Black (42%)



Cyan (73%)

Magenta (75%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 453F95 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 453F95 by changing the saturation by 10% instead.

■ 453F95

■ 453F95

FFFFFF

■ 28297B

■ 7C6FCC

■ 001461

■ 9788E8

■ 000049

■ B3A3FF

■ 000431

■ D0BEFF

■ 00011C

■ EDDAFF

■ 000000

■ FFF6FF

■ 453F95

■ 453F95

■ 373095

■ 534E95

■ 292195

■ 615D95

■ 1B1295

■ 6F6C95

■ 0E0395

■ 7C7B95

■ 0A0095

■ 8A8A95

■ 989895

■ A6A795

■ B4B695

■ C2C595

Harmonies

Analogous

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



0050A1



453F95



7C2676

Triad

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



453F95



7C3700



005D4A

Complementary

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



453F95



8F953F

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.



005A1D



453F95



5C4900

Square

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



453F95



901E23



315400



005D75

Rectangle

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



453F95



8E145A



315400



005C3B

Sweetspot

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



453F95



A3A1C2



3F8F95



4F4E61



E0E0E0



616161

Same Dimension

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



453F95



453CC2



703F95



43434A



0A008A



01000A

Inverse Universe

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



953F8F



C23CB8



64953F



4A4349



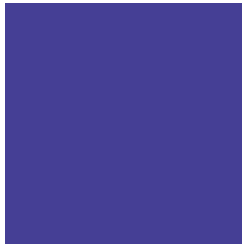
8A0080



0A0009

Previews

White Background



This preview shows how the Hex color 453F95 looks on a white background.

Color Contrast Check

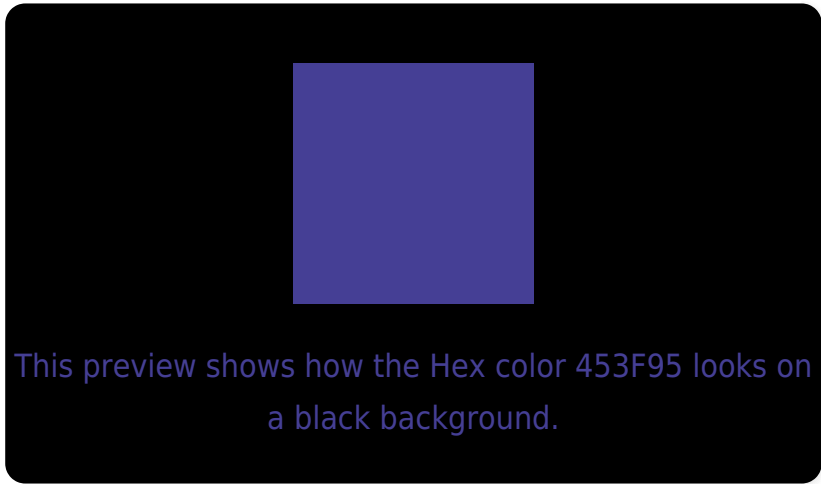
Large Text (above 18pt) WCAG AA ✓ Pass

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

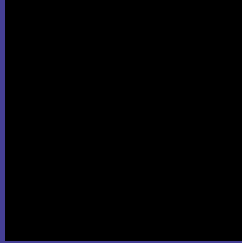
Any Text WCAG AA × Fail

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 453F95 Background



This preview shows how black text looks on a background with the Hex color 453F95.

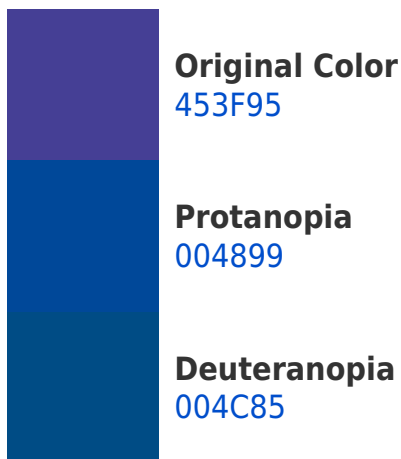


This preview shows how white text looks on a background with the Hex color 453F95.

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](#).

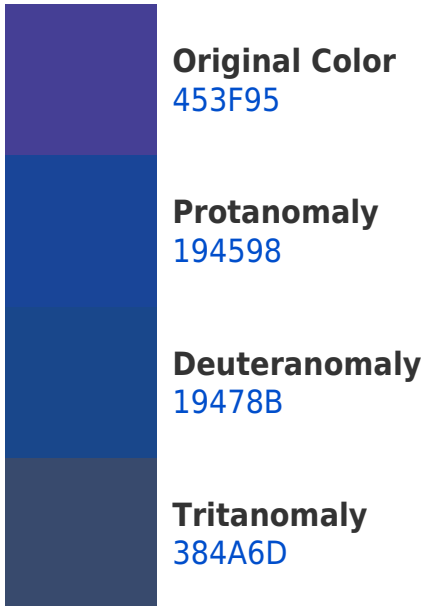
Dichromacy





Tritanopia
305056

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 453F95 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 #453F95 looks like.

```
.text, #text, p{  
    color:#453F95  
}
```

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 #453F95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #453F95
}
```

Border

The CSS property to change the border of an element to Hex 453F95 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
#453F95 }
```

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

```
.border{ border-color:#453F95 }
```

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

Here you see how a box with a 4 pixel #453F95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #453F95; -webkit-box-shadow:4px 4px  
4px 4px #453F95; box-shadow:4px 4px 4px  
4px #453F95 }
```

Background

The CSS property to change the background color of an element to Hex 453F95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#453F95 }
```

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

```
.background{ background-color:#453F95 }
```

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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