

# Converting Colors

Hex(253694)

Have a look what the booklet for  
Hex(253694) contains.

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# Color

**Hex(253694)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	253694
RGB	37, 54, 148
RGB Percent	15%, 21%, 58%
CMY	0.8549, 0.7882, 0.4196
CMYK	0.75, 0.64, 0.00, 0.42
HSL	231°, 60%, 36%
HSV	231°, 75%, 58%
XYZ	7.4274, 5.1698, 28.6234
YIQ	59.6330, -40.3060, 25.6300

# Conversions

## Conversions Part 2

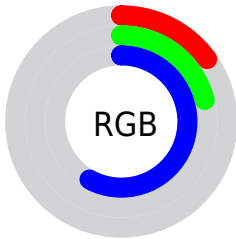
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 52, 148
Decimal	2438804
CIE <sub>Lab</sub>	27.21, 27.50, -53.61
CIE <sub>LCh</sub>	27, 60.257, 297.156
Yxy	5.1698, 0.1802, 0.1254
Android (android.graphics.Color)	4280628884 (0xFF253694)
<b>YUV</b>	59.6330, 43.5649, -19.8491
Hunter-Lab	22.7371, 18.5197, -58.7232

# Details

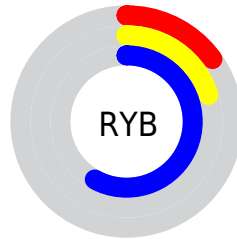
The Hex color **253694** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **948325**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6365CB**, and **000E60** is the 20% darker color. If you saturate the color by 10%, you get **162994**, and if you desaturate by 10%, it is **344394**.

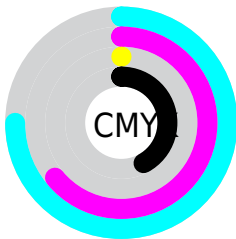
# Distribution



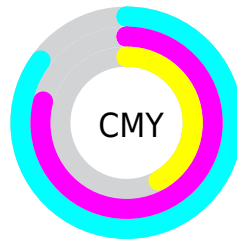
- Red (15%)
- Green (21%)
- Blue (58%)



- Red (15%)
- Yellow (20%)
- Blue (58%)



- Cyan (75%)
- Magenta (64%)
- Yellow (0%)
- Black (42%)



- Cyan (85%)
- Magenta (79%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 253694 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 253694 by changing the saturation by 10% instead.



■ 253694

■ 253694

FFFFFF

■ 00217A

■ 6365CB

■ 000E60

■ 7F7EE7

■ 000048

■ 9C97FF

■ 000430

■ B9B2FF

■ 00011A

■ D6CEFF

■ 000000

■ F4EAFF

■ 253694

■ 253694

■ 162994

■ 344394

071D94

434F94

001794

515C94

606894

6F7594

7E8194

8D8E94

9B9A94

AAA794

# Harmonies

## Analogous

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



00489E



253694



711273

# Triad

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



253694



752600



00523A

# Complementary

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



253694



948325

# 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.



004F03



253694



533D00

# Square

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



253694



8A001A



264900



00536A

# Rectangle

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



253694



860056



264900



00512A



# Sweetspot

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



253694



939ABF



259481



464A61



E0E0E0



616161



# Same Dimension

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



253694



132DBF



4A2594



43444A



00158A



00020A



# Inverse Universe

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



942536



BF132D



6F9425



4A4344



8A0015

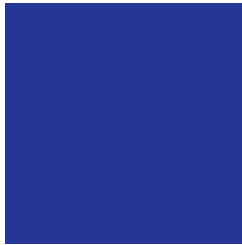


0A0002



# Previews

## White Background



This preview shows how the Hex color 253694 looks on a white background.

## Color Contrast Check

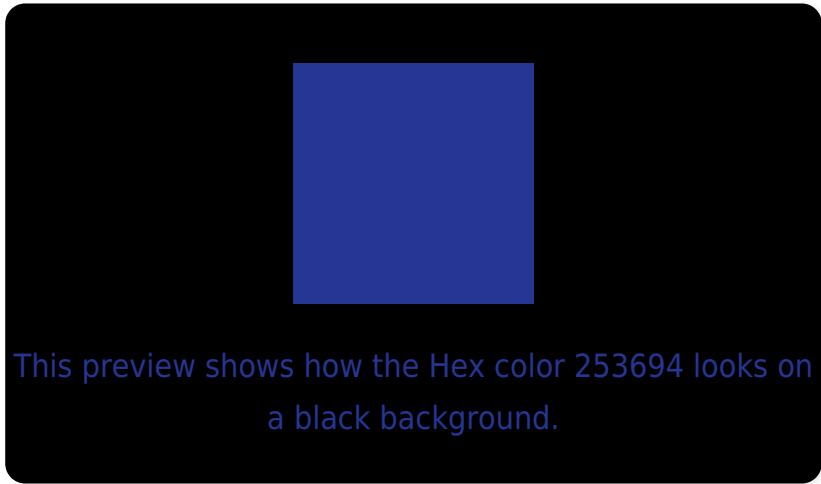
Large Text (above 18pt) WCAG AA ✓ Pass

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

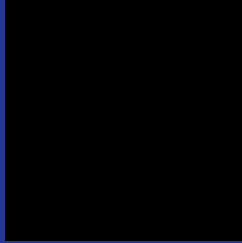
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 253694 Background



This preview shows how black text looks on a background with the Hex color 253694.

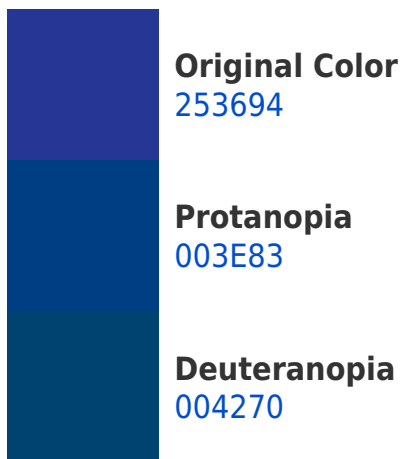


This preview shows how white text looks on a background with the Hex color 253694.

# 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**  
00474C

# Trichromacy



**Original Color**  
253694

**Protanomaly**  
0D3B89

**Deuteranomaly**  
0D3E7D

**Tritanomaly**  
0D4166

# Monochromacy



**Original Color**  
253694

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
343A5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 253694 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 #253694 looks like.

```
.text, #text, p{  
    color:#253694  
}
```

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 #253694 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #253694
}
```

## Border

The CSS property to change the border of an element to Hex 253694 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
#253694 }
```

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

```
.border{ border-color:#253694 }
```

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

Here you see how a box with a 4 pixel #253694 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #253694; -webkit-box-shadow:4px 4px  
4px 4px #253694; box-shadow:4px 4px 4px  
4px #253694 }
```

# Background

The CSS property to change the background color of an element to Hex 253694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#253694 }
```

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

```
.background{ background-color:#253694 }
```

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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