

# Converting Colors

Hex(224694)

Have a look what the booklet for  
Hex(224694) contains.

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# Color

Hex(224694)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	224694
RGB	34, 70, 148
RGB Percent	13%, 27%, 58%
CMY	0.8667, 0.7255, 0.4196
CMYK	0.77, 0.53, 0.00, 0.42
HSL	221°, 63%, 36%
HSV	221°, 77%, 58%
XYZ	8.1951, 6.8585, 28.9089
YIQ	68.1280, -46.4940, 16.6260

# Conversions

## Conversions Part 2

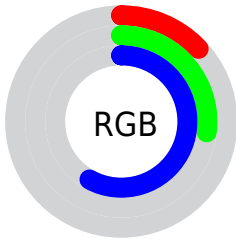
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 61, 148
Decimal	2246292
CIE <sub>Lab</sub>	31.48, 16.22, -46.68
CIE <sub>LCh</sub>	31, 49.417, 289.166
Yxy	6.8585, 0.1864, 0.1560
Android (android.graphics.Color)	4280436372 (0xFF224694)
<b>YUV</b>	68.1280, 39.3769, -29.9303
Hunter-Lab	26.1888, 10.0269, -47.1160

# Details

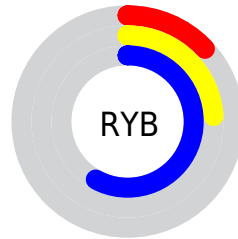
The Hex color **224694** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **947022**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6076CB**, and **001C60** is the 20% darker color. If you saturate the color by 10%, you get **133C94**, and if you desaturate by 10%, it is **315094**.

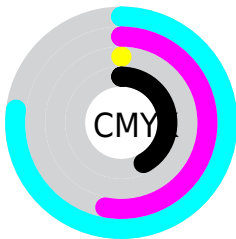
# Distribution



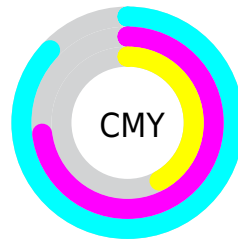
- Red (13%)
- Green (27%)
- Blue (58%)



- Red (13%)
- Yellow (24%)
- Blue (58%)



- Cyan (77%)
- Magenta (53%)
- Yellow (0%)
- Black (42%)



- Cyan (87%)
- Magenta (73%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 224694 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 224694 by changing the saturation by 10% instead.



■ 224694

■ 224694

FFFFFF

■ 00307A

■ 6076CB

■ 001C60

■ 7C8FE7

■ 000148

■ 99A AFF

■ 000431

■ B5C5FF

■ 00011B

■ D2E1FF

■ 000000

■ F0FDFF

■ 224694

■ 224694

■ 133C94

■ 315094

■ 043294

■ 405A94

■ 002F94

■ 4E6494

■ 5D6F94

■ 6C7994

■ 7B8394

■ 8A8D94

■ 989794

■ A7A194

# Harmonies

## Analogous

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



005397



224694



6A337D

# Triad

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



224694



80310E



005A3A

# Complementary

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



224694



947022

# 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.



055711



224694



664300

# Square

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



224694



8D1E33



435000



005B63

# Rectangle

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



224694



802466



435000



00592D



# Sweetspot

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



224694



93A1BF



229470



464E61



E0E0E0



616161



# Same Dimension

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



224694



0F47BF



372294



43454A



002B8A



00030A



# Inverse Universe

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



942246



BF0F47



7F9422



4A4345



8A002B



0A0003



# Previews

## White Background



This preview shows how the Hex color 224694 looks on a white background.

## Color Contrast Check

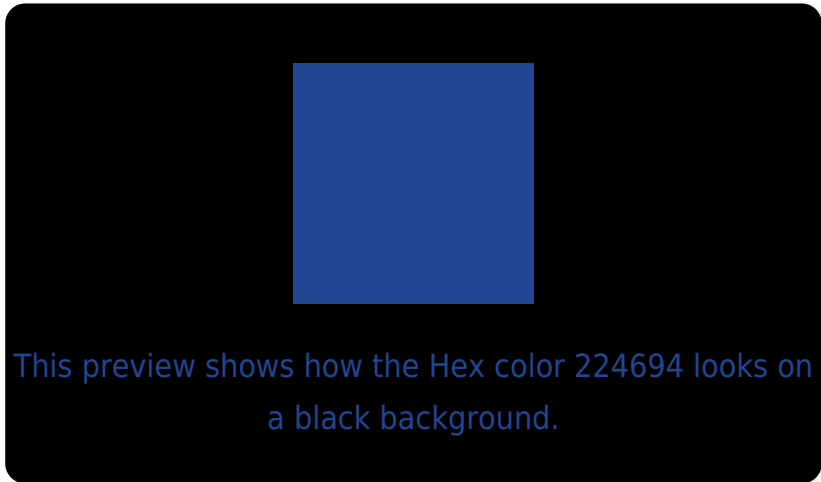
Large Text (above 18pt) WCAG AA ✓ Pass

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

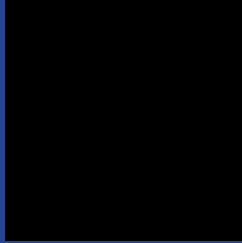
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 224694 Background



This preview shows how black text looks on a background with the Hex color 224694.

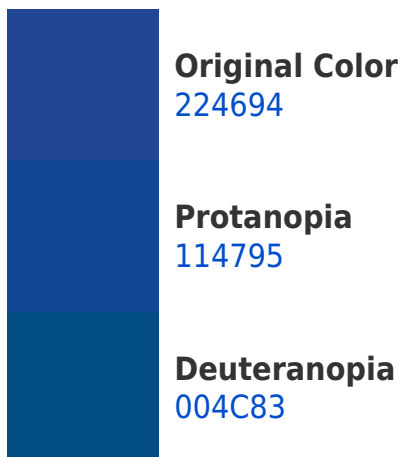


This preview shows how white text looks on a background with the Hex color 224694.

# 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





# Trichromacy



**Original Color**  
224694

**Protanomaly**  
174795

**Deuteranomaly**  
0C4A89

**Tritanomaly**  
0C4E6E

# Monochromacy



**Original Color**  
224694

**Achromatopsia**  
444444

**Achromatomaly**  
384561

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 224694 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 #224694 looks like.

```
.text, #text, p{  
    color:#224694  
}
```

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 #224694 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #224694
}
```

## Border

The CSS property to change the border of an element to Hex 224694 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
#224694 }
```

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

```
.border{ border-color:#224694 }
```

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

Here you see how a box with a 4 pixel #224694 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #224694; -webkit-box-shadow:4px 4px  
4px 4px #224694; box-shadow:4px 4px 4px  
4px #224694 }
```

# Background

The CSS property to change the background color of an element to Hex 224694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#224694 }
```

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

```
.background{ background-color:#224694 }
```

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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