

Converting Colors

Hex(40649E)

Have a look what the booklet for
Hex(40649E) contains.

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Color

Hex(40649E)

Conversions

Conversions Part 1

Format	Color
Hex	40649E
RGB	64, 100, 158
RGB Percent	25%, 39%, 62%
CMY	0.7490, 0.6078, 0.3804
CMYK	0.59, 0.37, 0.00, 0.38
HSL	217°, 42%, 44%
HSV	217°, 59%, 62%
XYZ	12.8431, 12.6730, 34.1170
YIQ	95.8480, -40.0740, 10.4060

Conversions

Conversions Part 2

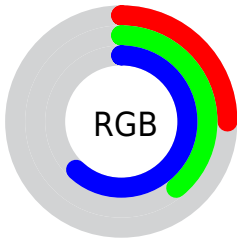
Format	Color
R_{YB}	64, 90, 158
Decimal	4220062
CIE _{Lab}	42.27, 5.43, -35.38
CIE _{LCh}	42, 35.796, 278.720
Yxy	12.6730, 0.2154, 0.2125
Android (android.graphics.Color)	4282410142 (0xFF40649E)
YUV	95.8480, 30.6409, -27.9307
Hunter-Lab	35.5991, 2.0990, -31.9022

Details

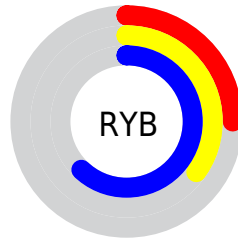
The Hex color **40649E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9E7A40**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7797D5**, and **00366A** is the 20% darker color. If you saturate the color by 10%, you get **305A9E**, and if you desaturate by 10%, it is **506E9E**.

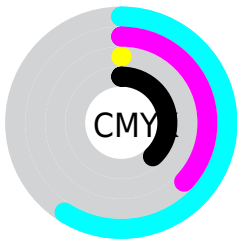
Distribution



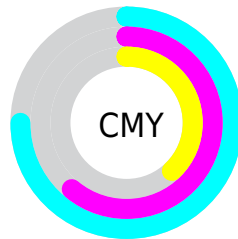
- Red (25%)
- Green (39%)
- Blue (62%)



- Red (25%)
- Yellow (35%)
- Blue (62%)



- Cyan (59%)
- Magenta (37%)
- Yellow (0%)
- Black (38%)



- Cyan (75%)
- Magenta (61%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40649E 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 40649E by changing the saturation by 10% instead.

■ 40649E

■ 40649E

FFFFFF

■ 224C84

■ 7797D5

■ 00366A

■ 93B1F2

■ 002152

■ AFCDFE

■ 00093A

■ CBE9FF

■ 000224

■ E8FFFF

■ 00000C

■ 000000

■ 40649E

■ 40649E

■ 305A9E

■ 506E9E

■ 20519E

■ 60779E

■ 11479E

■ 6F819E

■ 013D9E

■ 7F8B9E

■ 003D9E

■ 8F959E

■ 9F9E9E

■ AFA89E

■ BEB29E

■ CEBC9E

Harmonies

Analogous

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



006D9A



40649E



715992

Triad

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



40649E



975040



20714D

Complementary

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



40649E



9E7A40

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.



4D6D34



40649E



865B2C

Square

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



40649E



9B4A5C



6D6527



00736C

Rectangle

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



40649E



875183



6D6527



327044

Sweetspot

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



40649E



A9B8CF



409E7A



525A69



E8E8E8



696969

Same Dimension

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



40649E



3C74CF



4B409E



474A4F



00378F



00060F

Inverse Universe

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



9E4064



CF3C74



939E40



4F474A



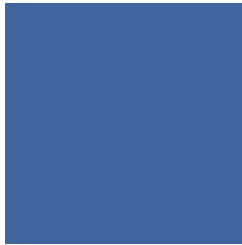
8F0037



0F0006

Previews

White Background



This preview shows how the Hex color 40649E looks on a white background.

Color Contrast Check

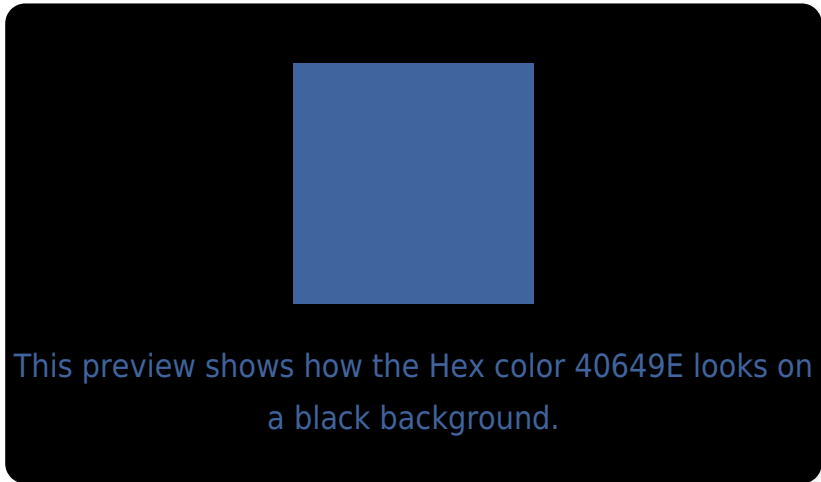
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

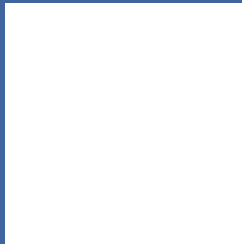
Any Text WCAG AAA × Fail

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

Hex 40649E Background



This preview shows how black text looks on a background with the Hex color 40649E.



This preview shows how white text looks on a background with the Hex color 40649E.

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
40649E

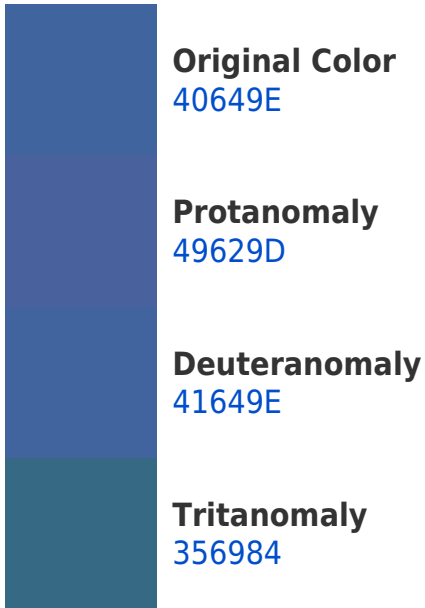
Protanopia
4E619C

Deuteranopia
42649E

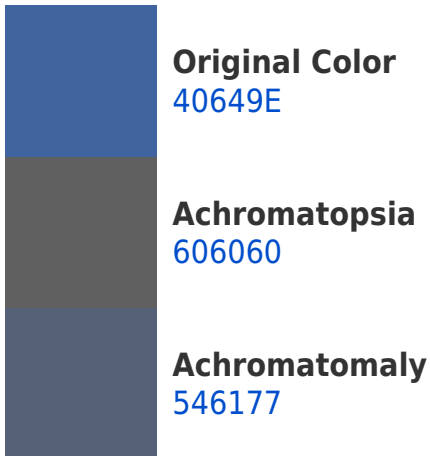


Tritanopia
2E6C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40649E 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 #40649E looks like.

```
.text, #text, p{  
    color:#40649E  
}
```

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 #40649E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40649E
}
```

Border

The CSS property to change the border of an element to Hex 40649E is called "border". The border property can be set on classes, ids or directly on the HTML element.

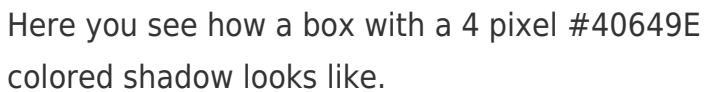
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40649E }
```

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

```
.border{ border-color:#40649E }
```

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



Here you see how a box with a 4 pixel #40649E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40649E; -webkit-box-shadow:4px 4px  
4px 4px #40649E; box-shadow:4px 4px 4px  
4px #40649E }
```

Background

The CSS property to change the background color of an element to Hex 40649E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40649E }
```

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

```
.background{ background-color:#40649E }
```

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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