

Converting Colors

Hex(64679E)

Have a look what the booklet for
Hex(64679E) contains.

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Color

Hex(64679E)

Conversions

Conversions Part 1

Format	Color
Hex	64679E
RGB	100, 103, 158
RGB Percent	39%, 40%, 62%
CMY	0.6078, 0.5961, 0.3804
CMYK	0.37, 0.35, 0.00, 0.38
HSL	237°, 23%, 51%
HSV	237°, 37%, 62%
XYZ	16.2773, 14.8784, 34.3617
YIQ	108.3730, -19.4430, 16.4690

Conversions

Conversions Part 2

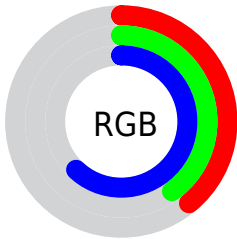
Format	Color
RYB	100, 103, 158
Decimal	6580126
CIELab	45.47, 12.72, -30.19
CIElCh	45, 32.757, 292.846
Yxy	14.8784, 0.2484, 0.2271
Android (android.graphics.Color)	4284770206 (0xFF64679E)
YUV	108.3730, 24.4661, -7.3431
Hunter-Lab	38.5726, 7.8236, -25.8166

Details

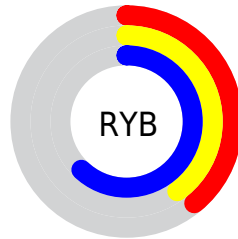
The Hex color **64679E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9E9B64**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **999AD5**, and **32386A** is the 20% darker color. If you saturate the color by 10%, you get **54589E**, and if you desaturate by 10%, it is **74769E**.

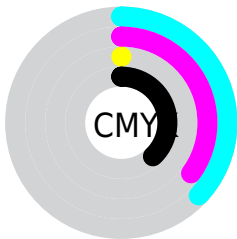
Distribution



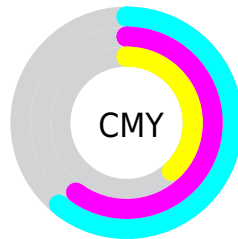
- Red (39%)
- Green (40%)
- Blue (62%)



- Red (39%)
- Yellow (40%)
- Blue (62%)



- Cyan (37%)
- Magenta (35%)
- Yellow (0%)
- Black (38%)



- Cyan (61%)
- Magenta (60%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64679E 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 64679E by changing the saturation by 10% instead.

■ 64679E

■ 64679E

FFFFFF

■ 4B4F84

■ 999AD5

■ 32386A

■ B4B5F1

■ 182352

■ D0D0FF

■ 000E3A

■ EDECFF

■ 000224

■ 00000C

■ 000000

■ 64679E

■ 64679E

■ 54589E

■ 74769E

■ 44499E

■ 84859E

■ 353A9E

■ 93949E

■ 252B9E

■ A3A39E

■ 151C9E

■ B3B29E

■ 050D9E

■ C3C19E

■ 00089E

■ D3D09E

■ E2DF9E

■ F2EE9E

Harmonies

Analogous

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



2F70A2



64679E



875D8D

Triad

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



64679E



965E41



187964

Complementary

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



64679E



9E9B64

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.



477649



64679E



826834

Square

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



64679E



A05758



687038



007A80

Rectangle

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



64679E



96577C



687038



2C795B

Sweetspot

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



64679E



B8B9CF



649E9A



5B5C69



E8E8E8



696969

Same Dimension

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



64679E



7478CF



7D649E



47484F



00078F



00010F

Inverse Universe

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



9E6467



CF7478



859E64



4F4748



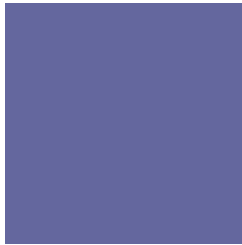
8F0007



0F0001

Previews

White Background



This preview shows how the Hex color 64679E looks on a white background.

Color Contrast Check

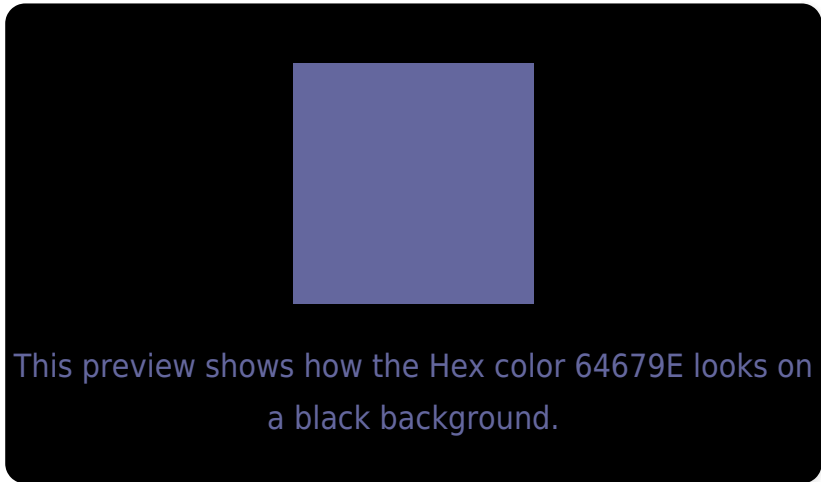
Large Text (above 18pt) WCAG AA ✓ Pass

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

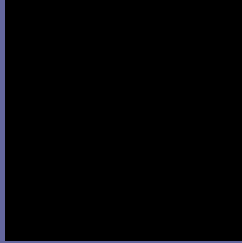
Any Text WCAG AA × Fail

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 64679E Background



This preview shows how black text looks on a background with the Hex color 64679E.

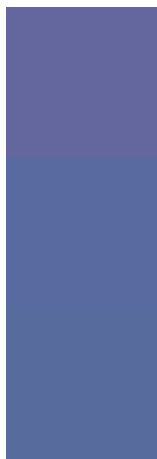


This preview shows how white text looks on a background with the Hex color 64679E.

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
64679E

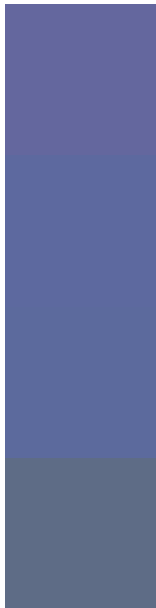
Protanopia
596AA0

Deuteranopia
576B9D



Tritanopia
5B6F78

Trichromacy



Original Color
64679E

Protanomaly
5D699F

Deuteranomaly
5C6A9D

Tritanomaly
5E6C86

Monochromacy



Original Color
64679E

Achromatopsia
6C6C6C

Achromatomaly
696A7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 64679E 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 #64679E looks like.

```
.text, #text, p{  
    color:#64679E  
}
```

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 #64679E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64679E
}
```

Border

The CSS property to change the border of an element to Hex 64679E 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".

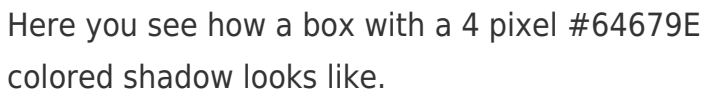
```
.border, #border, table{ border:4px solid
#64679E }
```

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

```
.border{ border-color:#64679E }
```

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

Here you see how a box with a 4 pixel #64679E colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64679E; -webkit-box-shadow:4px 4px  
4px 4px #64679E; box-shadow:4px 4px 4px  
4px #64679E }
```

Background

The CSS property to change the background color of an element to Hex 64679E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64679E }
```

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

```
.background{ background-color:#64679E }
```

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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