

Converting Colors

Hex(63779A)

Have a look what the booklet for
Hex(63779A) contains.

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Color

Hex(63779A)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 63779A |
| RGB | 99, 119, 154 |
| RGB Percent | 39%, 47%, 60% |
| CMY | 0.6118, 0.5333, 0.3961 |
| CMYK | 0.36, 0.23, 0.00, 0.40 |
| HSL | 218°, 22%, 50% |
| HSV | 218°, 36%, 60% |
| XYZ | 17.5752, 18.1794, 33.1545 |
| YIQ | 117.0100, -23.1550, 6.6450 |

Conversions

Conversions Part 2

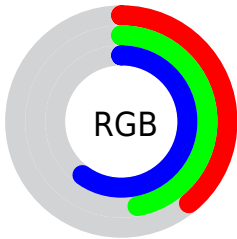
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 99, 114, 154 |
| Decimal | 6518682 |
| CIE Lab | 49.71, 1.61, -21.25 |
| CIE LCh | 50, 21.315, 274.330 |
| Yxy | 18.1794, 0.2550, 0.2638 |
| Android (android.graphics.Color) | 4284708762 (0xFF63779A) |
| YUV | 117.0100, 18.2361, -15.7948 |
| Hunter-Lab | 42.6373, -1.0373, -16.2574 |

Details

The Hex color **63779A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9A8663**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **97ABD0**, and **314767** is the 20% darker color. If you saturate the color by 10%, you get **546D9A**, and if you desaturate by 10%, it is **72819A**.

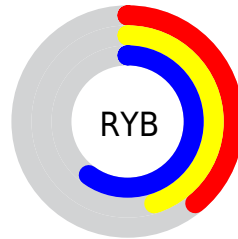
Distribution



Red (39%)

Green (47%)

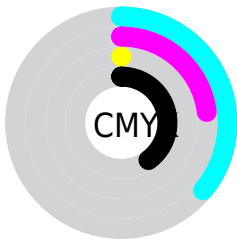
Blue (60%)



Red (39%)

Yellow (45%)

Blue (60%)

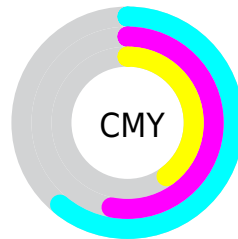


Cyan (36%)

Magenta (23%)

Yellow (0%)

Black (40%)



Cyan (61%)

Magenta (53%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63779A 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 63779A by changing the saturation by 10% instead.

■ 63779A

■ 63779A

FFFFFF

■ 4A5E80

■ 97ABD0

■ 314767

■ B3C6ED

■ 18314F

■ CEE2FF

■ 001C38

■ EBFFFF

■ 000222

■ 000009

■ 000000

■ 63779A

■ 63779A

■ 546D9A

■ 72819A

■ 44639A

■ 828B9A

■ 355A9A

■ 91949A

■ 25509A

■ A19E9A

■ 16469A

■ B0A89A

■ 073C9A

■ BFB29A

■ 00389A

■ CFBC9A

■ DEC59A

■ EECF9A

Harmonies

Analogous

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



4B7C96



63779A



7C7194

Triad

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



63779A



9A6B63



587F66

Complementary

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



63779A



9A8663

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.



6D7B58



63779A



907056

Square

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



63779A



9A6974



817652



468078

Rectangle

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



63779A



8A6D8C



817652



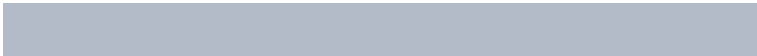
5F7E61

Sweetspot

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



63779A



B3BBC9



639A86



595E66



E6E6E6



666666

Same Dimension

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



63779A



7392C9



6A639A



45484D



00338C



00050D

Inverse Universe

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



9A6377



C97392



939A63



4D4548



8C0033



0D0005

Previews

White Background



This preview shows how the Hex color 63779A looks on a white background.

Color Contrast Check

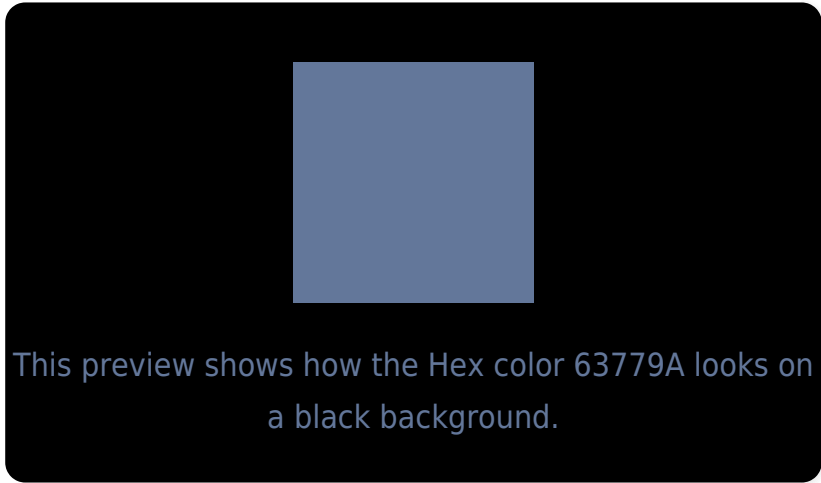
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

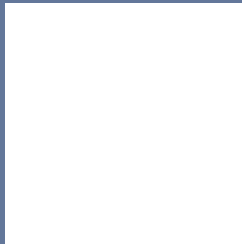
Any Text WCAG AAA × Fail

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

Hex 63779A Background



This preview shows how black text looks on a background with the Hex color 63779A.

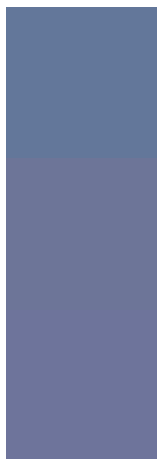


This preview shows how white text looks on a background with the Hex color 63779A.

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
63779A

Protanopia
6D7598

Deuteranopia
6E749B



Tritanopia
5E7B85

Trichromacy



Original Color
63779A

Protanomaly
697699

Deuteranomaly
6A759B

Tritanomaly
607A8D

Monochromacy



Original Color
63779A

Achromatopsia
757575

Achromatomaly
6E7682

CSS Examples

Text

The CSS property to change the color of the text to Hex 63779A 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 #63779A looks like.

```
.text, #text, p{  
    color:#63779A  
}
```

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 #63779A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63779A
}
```

Border

The CSS property to change the border of an element to Hex 63779A 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
#63779A }
```

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

```
.border{ border-color:#63779A }
```

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

Here you see how a box with a 4 pixel #63779A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63779A; -webkit-box-shadow:4px 4px  
4px 4px #63779A; box-shadow:4px 4px 4px  
4px #63779A }
```

Background

The CSS property to change the background color of an element to Hex 63779A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63779A }
```

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

```
.background{ background-color:#63779A }
```

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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