

Converting Colors

Hex(64793A)

Have a look what the booklet for
Hex(64793A) contains.

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Color

Hex(64793A)

Conversions

Conversions Part 1

Format	Color
Hex	64793A
RGB	100, 121, 58
RGB Percent	39%, 47%, 23%
CMY	0.6078, 0.5255, 0.7725
CMYK	0.17, 0.00, 0.52, 0.53
HSL	80°, 35%, 35%
HSV	80°, 52%, 47%
XYZ	12.8566, 16.6896, 6.5468
YIQ	107.5390, 7.7070, -24.0450

Conversions

Conversions Part 2

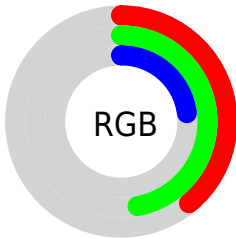
Format	Color
RYB	58, 121, 79
Decimal	6584634
CIELab	47.87, -18.62, 31.76
CIELCh	48, 36.819, 120.383
Yxy	16.6896, 0.3562, 0.4624
Android (android.graphics.Color)	4284774714 (0xFF64793A)
YUV	107.5390, -24.4227, -6.6117
Hunter-Lab	40.8529, -15.3175, 19.0956

Details

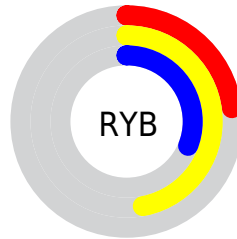
The Hex color **64793A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4F3A79**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **98AD6B**, and **33480B** is the 20% darker color. If you saturate the color by 10%, you get **60792E**, and if you desaturate by 10%, it is **687946**.

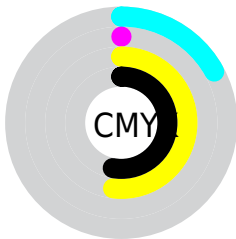
Distribution



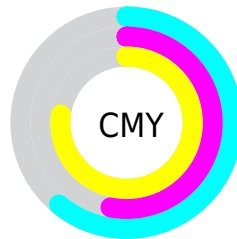
- Red (39%)
- Green (47%)
- Blue (23%)



- Red (23%)
- Yellow (47%)
- Blue (31%)



- Cyan (17%)
- Magenta (0%)
- Yellow (52%)
- Black (53%)



- Cyan (61%)
- Magenta (53%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64793A 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 64793A by changing the saturation by 10% instead.



64793A



64793A

FFFFFF



4B6023



98AD6B



33480B



B3C985



1E3200



CFE59F



001E00



ECFFBA



000000



FFFFD6



FFFFF3



64793A



64793A



60792E



687946

 5C7922


 6C7952

 587916

 70795E

 54790A

 74796A

 517900

 787976

 7C7983

 80798F

 84799B

 8879A7

Harmonies

Analogous

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



847032



64793A



3C7F52

Triad

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



64793A



007DA7



AA5872

Complementary

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



64793A



4F3A79

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.



985E91



64793A



3B75AF

Square

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



64793A



008190



7469A7



AB5B54

Rectangle

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



64793A



0C8166



7469A7



A6597D

Sweetspot

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



64793A



969E85



794F3A



4A4F40



CFCFCF



4F4F4F

Same Dimension

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



64793A



7D9E3C



44793A



3B3D37



537D00



A8FC00

Inverse Universe

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



4F3A79



5D3C9E



6F3A79



39373D



2A007D



5400FC

Previews

White Background



This preview shows how the Hex color 64793A looks on a white background.

Color Contrast Check

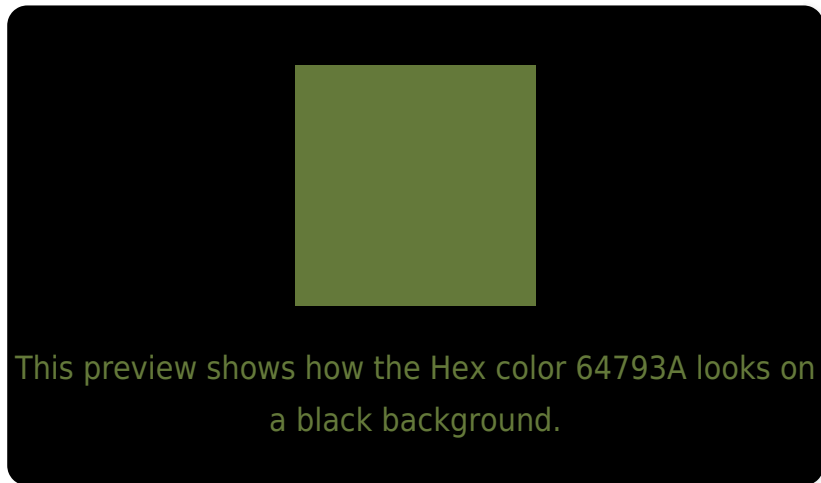
Large Text (above 18pt) WCAG AA ✓ Pass

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

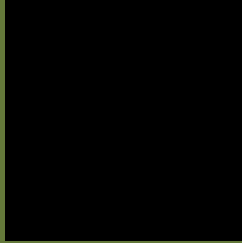
Any Text WCAG AA × Fail

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 64793A Background



This preview shows how black text looks on a background with the Hex color 64793A.



This preview shows how white text looks on a background with the Hex color 64793A.

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
64793A

Protanopia
7D7138

Deuteranopia
8B6C3D



Tritanopia
6C727B

Trichromacy



Original Color
64793A

Protanomaly
747439

Deuteranomaly
7D713C

Tritanomaly
697563

Monochromacy



Original Color
64793A

Achromatopsia
6C6C6C

Achromatomaly
69715A

CSS Examples

Text

The CSS property to change the color of the text to Hex 64793A 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 #64793A looks like.

```
.text, #text, p{  
    color:#64793A  
}
```

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 #64793A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64793A
}
```

Border

The CSS property to change the border of an element to Hex 64793A 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
#64793A }
```

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

```
.border{ border-color:#64793A }
```

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

Here you see how a box with a 4 pixel #64793A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64793A; -webkit-box-shadow:4px 4px  
4px 4px #64793A; box-shadow:4px 4px 4px  
4px #64793A }
```

Background

The CSS property to change the background color of an element to Hex 64793A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64793A }
```

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

```
.background{ background-color:#64793A }
```

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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