

Converting Colors

Hex(679D91)

Have a look what the booklet for
Hex(679D91) contains.

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Color

Hex(679D91)

Conversions

| Conversions Part 1 | |
|--------------------|------------------------------|
| Format | Color |
| Hex | 679D91 |
| RGB | 103, 157, 145 |
| RGB Percent | 40%, 62%, 57% |
| CMY | 0.5961, 0.3843, 0.4314 |
| CMYK | 0.34, 0.00, 0.08, 0.38 |
| HSL | 167°, 22%, 51% |
| HSV | 167°, 34%, 62% |
| XYZ | 22.7613, 29.0418, 31.1941 |
| YIQ | 139.4860, -28.3320, -15.1800 |

Conversions

Conversions Part 2

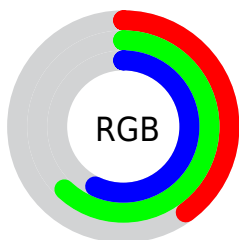
| Format | Color |
|-------------------------------------|--|
| RYB | 103, 133, 157 |
| Decimal | 6790545 |
| CIELab | 60.82, -20.62, 0.60 |
| CIELCh | 61, 20.627, 178.334 |
| Yxy | 29.0418, 0.2742, 0.3499 |
| Android (android.graphics.Color) | 4284980625 (0xFF679D91) |
| YUV | 139.4860, 2.7184, -31.9982 |
| Hunter-Lab | 53.8905, -18.9166, 3.4038 |

Details

The Hex color **679D91** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9D6773**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **9CD4C7**, and **34695F** is the 20% darker color. If you saturate the color by 10%, you get **579D8E**, and if you desaturate by 10%, it is **779D94**.

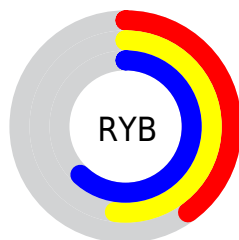
Distribution



Red (40%)

Green (62%)

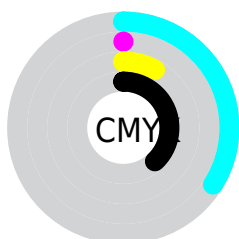
Blue (57%)



Red (40%)

Yellow (52%)

Blue (62%)

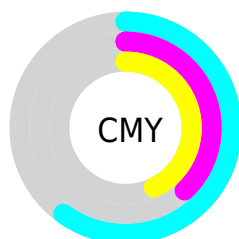


Cyan (34%)

Magenta (0%)

Yellow (8%)

Black (38%)



Cyan (60%)

Magenta (38%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 679D91 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 679D91 by changing the saturation by 10% instead.

 679D91

FFFFFF

 9CD4C7

 B7F0E3

 D4FFFF

 F0FFFF

 679D91

 4D8377

 34695F

 1A5147

 003A31

 00241C

 000601


 000000

 679D91

 579D8E

 679D91

 779D94

 489D8A 869D98 389D87 969D9B 289D83 A69D9F 189D80 B69DA2 099D7C C59DA6 009D7A D59DA9 E59DAD F49DB0

Harmonies

Analogous

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



799B7F



679D91



5F9DA3

Triad

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



679D91



948EB3



B08B74

Complementary

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



679D91



9D6773

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.



B88782



679D91



A989A6

Square

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



679D91



7C95B7



B68694



A1916E

Rectangle

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



679D91



629BAD



B68694



B48978

Sweetspot

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



679D91



B8CCC7



749D67



5A6663



E6E6E6



666666

Same Dimension

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



679D91



78CCB9



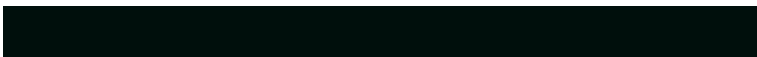
678F9D



474F4D



008F6F



000F0C

Inverse Universe

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



9D6773



CC788B



9D7567



4F4749



8F0020



0F0003

Previews

White Background



This preview shows how the Hex color 679D91 looks on a white background.

Color Contrast Check

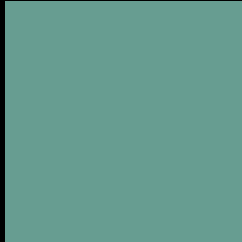
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 679D91 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

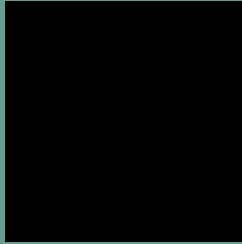
Any Text WCAG AA ✓ Pass

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 679D91 Background



This preview shows how black text looks on a background with the Hex color 679D91.

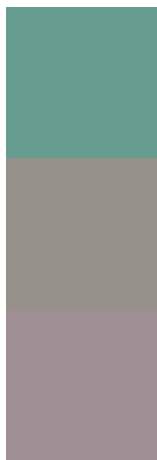


This preview shows how white text looks on a background with the Hex color 679D91.

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

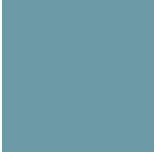
679D91

Protanopia

96928B


Deuteranopia

9F8E94


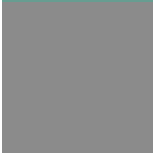



Tritanopia
6C9AA6

Trichromacy

| | |
|---|---------------------------------|
|  | Original Color 679D91 |
|  | Protanomaly 85968D |
|  | Deuteranomaly 8B9393 |
|  | Tritanomaly 6A9B9E |

Monochromacy

| | |
|---|---------------------------------|
|  | Original Color 679D91 |
|  | Achromatopsia 8B8B8B |
|  | Achromatomaly 7E928D |

CSS Examples

Text

The CSS property to change the color of the text to Hex 679D91 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 #679D91 looks like.

```
.text, #text, p{  
    color:#679D91  
}
```

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 #679D91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #679D91
}
```

Border

The CSS property to change the border of an element to Hex 679D91 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
#679D91 }
```

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

```
.border{ border-color:#679D91 }
```

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

Here you see how a box with a 4 pixel #679D91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #679D91; -webkit-box-shadow:4px 4px  
4px 4px #679D91; box-shadow:4px 4px 4px  
4px #679D91 }
```

Background

The CSS property to change the background color of an element to Hex 679D91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#679D91 }
```

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

```
.background{ background-color:#679D91 }
```

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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