

Converting Colors

Hex(5D9691)

Have a look what the booklet for
Hex(5D9691) contains.

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Color

Hex(5D9691)

Conversions

Conversions Part 1

Format	Color
Hex	5D9691
RGB	93, 150, 145
RGB Percent	36%, 59%, 57%
CMY	0.6353, 0.4118, 0.4314
CMYK	0.38, 0.00, 0.03, 0.41
HSL	175°, 23%, 48%
HSV	175°, 38%, 59%
XYZ	20.5314, 26.1842, 30.7600
YIQ	132.3870, -32.3670, -13.6390

Conversions

Conversions Part 2

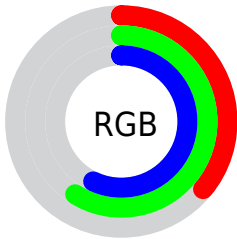
Format	Color
RYB	93, 123, 150
Decimal	6133393
CIELab	58.21, -19.87, -3.28
CIElCh	58, 20.140, 189.376
Yxy	26.1842, 0.2650, 0.3380
Android (android.graphics.Color)	4284323473 (0xFF5D9691)
YUV	132.3870, 6.2182, -34.5424
Hunter-Lab	51.1705, -17.9279, 0.1785

Details

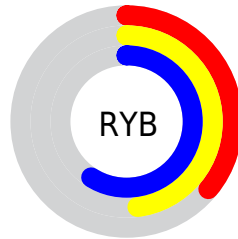
The Hex color **5D9691** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **965D62**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **92CCC7**, and **29635F** is the 20% darker color. If you saturate the color by 10%, you get **4E9690**, and if you desaturate by 10%, it is **6C9692**.

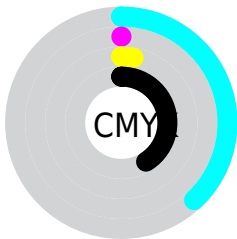
Distribution



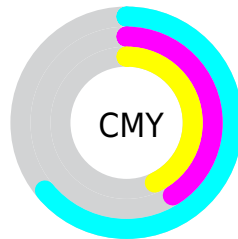
- Red (36%)
- Green (59%)
- Blue (57%)



- Red (36%)
- Yellow (48%)
- Blue (59%)



- Cyan (38%)
- Magenta (0%)
- Yellow (3%)
- Black (41%)



- Cyan (64%)
- Magenta (41%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D9691 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 5D9691 by changing the saturation by 10% instead.



5D9691



5D9691

FFFFFF



437C77



92CCC7



29635F



ADE9E3



0B4B47



C9FFFF



003431



E6FFFF



001F1C



000000



5D9691



5D9691



4E9690



6C9692



3F968E



7B9694

■ 30968D

■ 8A9695

■ 21968C

■ 999696

■ 12968A

■ A89698

■ 039689

■ B79699

■ 009689

■ C6969A

■ D5969C

■ E4969D

Harmonies

Analogous

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



6C957F



5D9691



5A95A2

Triad

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



5D9691



9686A7



A4876B

Complementary

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



5D9691



965D62

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.



AE8276



5D9691



A78199

Square

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



5D9691



7E8CAE



B07F87



938D69

Rectangle

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



5D9691



6193AA



B07F87



A8856E

Sweetspot

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



5D9691



ACC2C0



63965D



546160



E0E0E0



616161

Same Dimension

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



5D9691



69C2BA



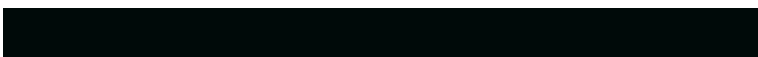
5D7F96



434A49



008A7E



000A09

Inverse Universe

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



965D62



C26970



96745D



4A4343



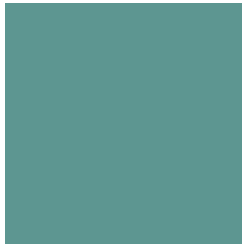
8A000C



0A0001

Previews

White Background



This preview shows how the Hex color 5D9691 looks on a white background.

Color Contrast Check

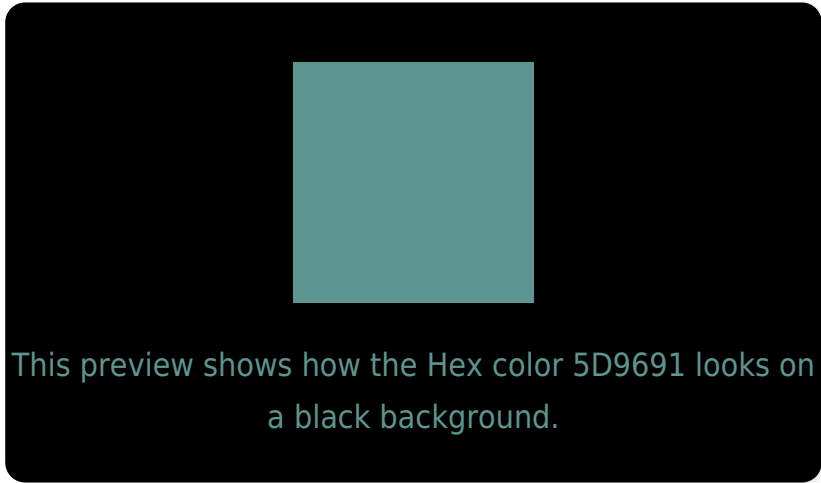
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

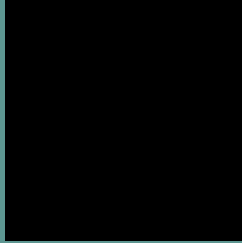
Any Text WCAG AA ✓ Pass

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 5D9691 Background



This preview shows how black text looks on a background with the Hex color 5D9691.

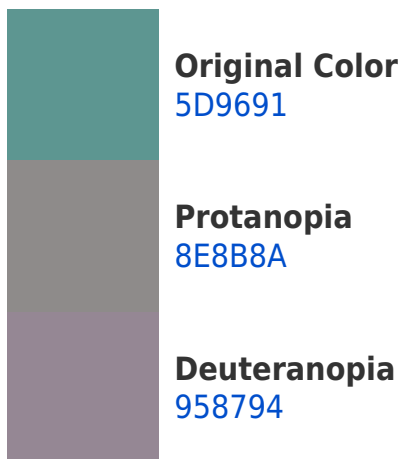


This preview shows how white text looks on a background with the Hex color 5D9691.

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](#).

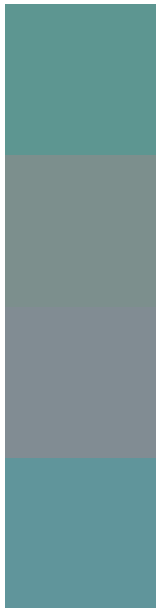
Dichromacy





Tritanopia
6194A0

Trichromacy



Original Color
5D9691

Protanomaly
7C8F8D

Deuteranomaly
818C93

Tritanomaly
60959B

Monochromacy



Original Color
5D9691

Achromatopsia
848484

Achromatomaly
768B89

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D9691 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 #5D9691 looks like.

```
.text, #text, p{  
    color:#5D9691  
}
```

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 #5D9691 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D9691
}
```

Border

The CSS property to change the border of an element to Hex 5D9691 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
#5D9691 }
```

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

```
.border{ border-color:#5D9691 }
```

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

Here you see how a box with a 4 pixel #5D9691 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D9691; -webkit-box-shadow:4px 4px  
4px 4px #5D9691; box-shadow:4px 4px 4px  
4px #5D9691 }
```

Background

The CSS property to change the background color of an element to Hex 5D9691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D9691 }
```

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

```
.background{ background-color:#5D9691 }
```

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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