

Converting Colors

Hex(5D9965)

Have a look what the booklet for
Hex(5D9965) contains.

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Color

Hex(5D9965)

Conversions

Conversions Part 1

Format	Color
Hex	5D9965
RGB	93, 153, 101
RGB Percent	36%, 60%, 40%
CMY	0.6353, 0.4000, 0.6039
CMYK	0.39, 0.00, 0.34, 0.40
HSL	128°, 24%, 48%
HSV	128°, 39%, 60%
XYZ	18.2544, 26.0492, 16.3778
YIQ	129.1320, -19.0680, -28.8920

Conversions

Conversions Part 2

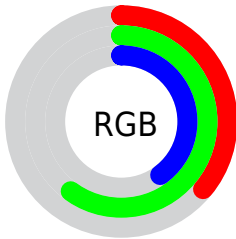
Format	Color
RYB	93, 146, 153
Decimal	6134117
CIELab	58.08, -30.85, 21.37
CIELCh	58, 37.525, 145.292
Yxy	26.0492, 0.3008, 0.4293
Android (android.graphics.Color)	4284324197 (0xFF5D9965)
YUV	129.1320, -13.8691, -31.6878
Hunter-Lab	51.0384, -25.4750, 16.7012

Details

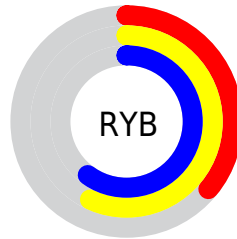
The Hex color **5D9965** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **995D91**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **92D098**, and **2A6536** is the 20% darker color. If you saturate the color by 10%, you get **4E9958**, and if you desaturate by 10%, it is **6C9972**.

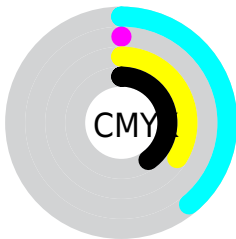
Distribution



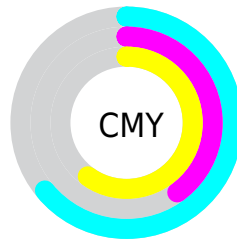
- Red (36%)
- Green (60%)
- Blue (40%)



- Red (36%)
- Yellow (57%)
- Blue (60%)



- Cyan (39%)
- Magenta (0%)
- Yellow (34%)
- Black (40%)



- Cyan (64%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D9965 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 5D9965 by changing the saturation by 10% instead.



5D9965



5D9965

FFFFFF



437F4D



92D098



2A6536



ADECB3



0D4D1F



C9FFCF



003609



E6FFEB



002200



000000



5D9965



5D9965



4E9958



6C9972



3E994A



7C9980

 2F993D

 8B998D

 209930

 9A999A

 109923

 AA99A7

 019915

 B999B5

 009914

 C899C2

 D799CF

 E799DC

Harmonies

Analogous

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



84924F



5D9965



279C85

Triad

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



5D9965



4D91CD



CA7371

Complementary

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



5D9965



995D91

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.



C67292



5D9965



8785C7

Square

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



5D9965



0099C1



B079B1



BE7C57

Rectangle

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



5D9965



009D9C



B079B1



CB727C

Sweetspot

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



5D9965



AFC7B2



91995D



566357



E3E3E3



636363

Same Dimension

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



5D9965



69C776



5D9983



454D46



008C13



000D02

Inverse Universe

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



995D91



C769BA



995D73



4D454B



8C007A



0D000B

Previews

White Background



This preview shows how the Hex color 5D9965 looks on a white background.

Color Contrast Check

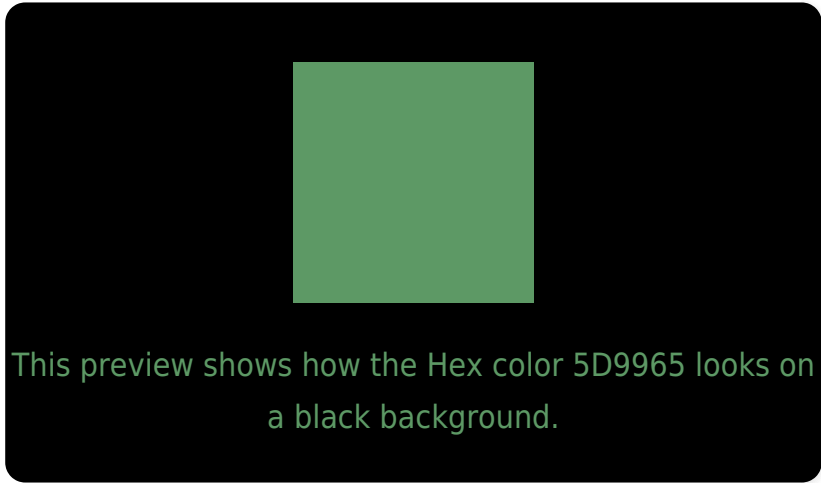
Large Text (above 18pt) WCAG AA ✓ Pass

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

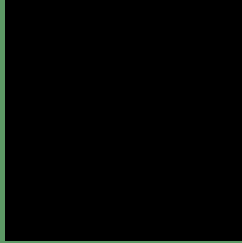
Any Text WCAG AA ✓ Pass

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 5D9965 Background



This preview shows how black text looks on a background with the Hex color 5D9965.



This preview shows how white text looks on a background with the Hex color 5D9965.

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](#).

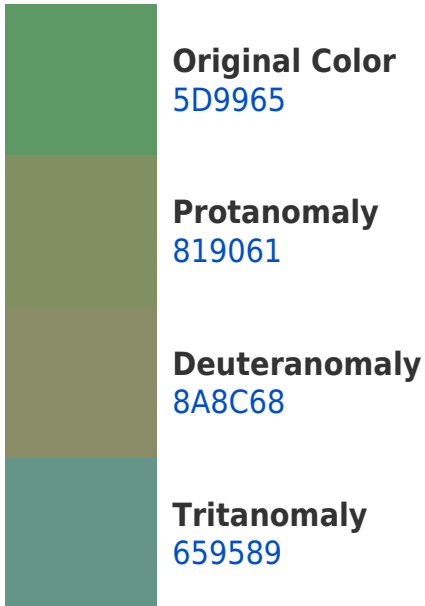
Dichromacy



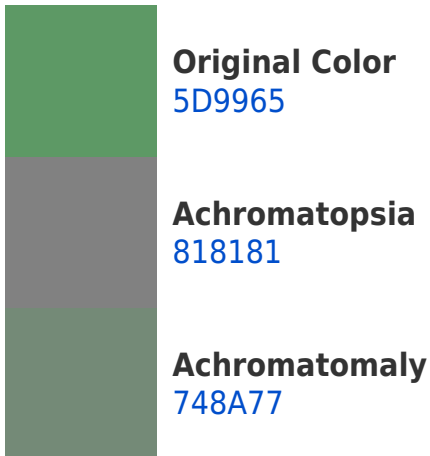


Tritanopia
69929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D9965 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 #5D9965 looks like.

```
.text, #text, p{  
    color:#5D9965  
}
```

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 #5D9965 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D9965
}
```

Border

The CSS property to change the border of an element to Hex 5D9965 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
#5D9965 }
```

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

```
.border{ border-color:#5D9965 }
```

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

Here you see how a box with a 4 pixel #5D9965 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D9965; -webkit-box-shadow:4px 4px  
4px 4px #5D9965; box-shadow:4px 4px 4px  
4px #5D9965 }
```

Background

The CSS property to change the background color of an element to Hex 5D9965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D9965 }
```

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

```
.background{ background-color:#5D9965 }
```

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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