

Converting Colors

Hex(2D9665)

Have a look what the booklet for
Hex(2D9665) contains.

Hex(2D9665)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2D9665)

Conversions

Conversions Part 1

Format	Color
Hex	2D9665
RGB	45, 150, 101
RGB Percent	18%, 59%, 40%
CMY	0.8235, 0.4118, 0.6039
CMYK	0.70, 0.00, 0.33, 0.41
HSL	152°, 54%, 38%
HSV	152°, 70%, 59%
XYZ	14.3375, 23.3102, 16.0556
YIQ	113.0190, -46.8510, -37.4990

Conversions

Conversions Part 2

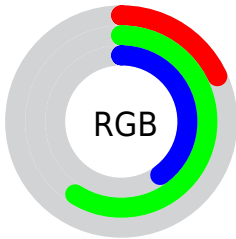
Format	Color
RYB	45, 113, 150
Decimal	2987621
CIELab	55.39, -41.55, 17.42
CIElCh	55, 45.059, 157.250
Yxy	23.3102, 0.2670, 0.4341
Android (android.graphics.Color)	4281177701 (0xFF2D9665)
YUV	113.0190, -5.9254, -59.6527
Hunter-Lab	48.2806, -31.4834, 14.0797

Details

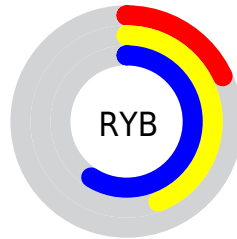
The Hex color **2D9665** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **962D5E**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **68CD98**, and **006236** is the 20% darker color. If you saturate the color by 10%, you get **1E965E**, and if you desaturate by 10%, it is **3C966C**.

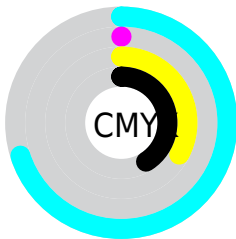
Distribution



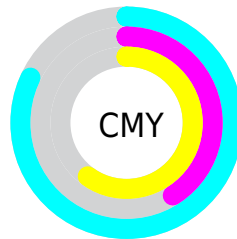
- Red (18%)
- Green (59%)
- Blue (40%)



- Red (18%)
- Yellow (44%)
- Blue (59%)



- Cyan (70%)
- Magenta (0%)
- Yellow (33%)
- Black (41%)



- Cyan (82%)
- Magenta (41%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D9665 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 2D9665 by changing the saturation by 10% instead.

 2D9665

 2D9665

FFFFFF

 007C4D

 68CD98

 006236

 85EAB3

 004920

 A1FFCF

 00320A

 BEFFEB

 001B00

 DBFFFF

 000000

 F8FFFF

 2D9665

 2D9665

 1E965E

 3C966C

0F9657

4B9673

009650

5A967A

699681

789688

87968F

969696

A5969D

B496A4

Harmonies

Analogous

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



699044



2D9665



00988D

Triad

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



2D9665



5086D2



C96A57

Complementary

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



2D9665



962D5E

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.



CD637D



2D9665



9477C3

Square

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



2D9665



0091CC



BC68A4



B3783C

Rectangle

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



2D9665



0098A7



BC68A4



CC6663

Sweetspot

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



2D9665



99C2AF



5E962D



496156



E0E0E0



616161

Same Dimension

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



2D9665



1FC276



2D9396



434A46



008A49



000A05

Inverse Universe

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



962D5E



C21F6B



96312D



4A4346



8A0040



0A0005

Previews

White Background



This preview shows how the Hex color 2D9665 looks on a white background.

Color Contrast Check

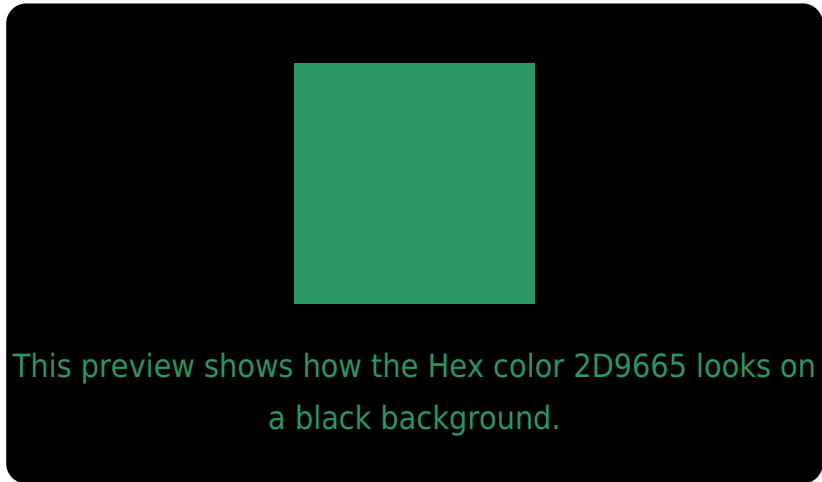
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D9665 Background



This preview shows how black text looks on a background with the Hex color 2D9665.

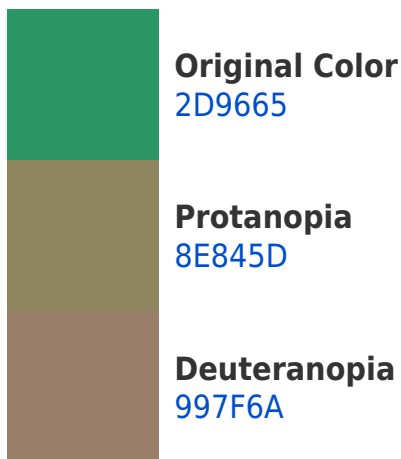


This preview shows how white text looks on a background with the Hex color 2D9665.

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
428F9B

Trichromacy



Original Color
2D9665



Protanomaly
6B8B60



Deuteranomaly
728768



Tritanomaly
3A9287

Monochromacy



Original Color
2D9665



Achromatopsia
717171



Achromatomaly
587E6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D9665 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 #2D9665 looks like.

```
.text, #text, p{  
    color:#2D9665  
}
```

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 #2D9665 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D9665
}
```

Border

The CSS property to change the border of an element to Hex 2D9665 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
#2D9665 }
```

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

```
.border{ border-color:#2D9665 }
```

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

Here you see how a box with a 4 pixel #2D9665 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D9665; -webkit-box-shadow:4px 4px  
4px 4px #2D9665; box-shadow:4px 4px 4px  
4px #2D9665 }
```

Background

The CSS property to change the background color of an element to Hex 2D9665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D9665 }
```

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

```
.background{ background-color:#2D9665 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor