

Converting Colors

Hex(2D965E)

Have a look what the booklet for
Hex(2D965E) contains.

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Color

Hex(2D965E)

Conversions

Conversions Part 1

Format	Color
Hex	2D965E
RGB	45, 150, 94
RGB Percent	18%, 59%, 37%
CMY	0.8235, 0.4118, 0.6314
CMYK	0.70, 0.00, 0.37, 0.41
HSL	148°, 54%, 38%
HSV	148°, 70%, 59%
XYZ	14.0089, 23.1787, 14.3253
YIQ	112.2210, -44.6040, -39.6760

Conversions

Conversions Part 2

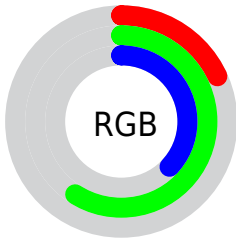
Format	Color
RYB	45, 117, 150
Decimal	2987614
CIELab	55.26, -43.02, 21.13
CIElCh	55, 47.934, 153.839
Yxy	23.1787, 0.2719, 0.4500
Android (android.graphics.Color)	4281177694 (0xFF2D965E)
YUV	112.2210, -8.9830, -58.9528
Hunter-Lab	48.1443, -32.3130, 16.0593

Details

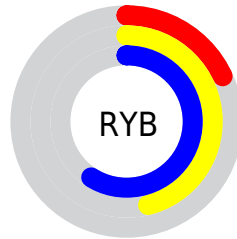
The Hex color **2D965E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **962D65**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **68CD91**, and **00622F** is the 20% darker color. If you saturate the color by 10%, you get **1E9656**, and if you desaturate by 10%, it is **3C9666**.

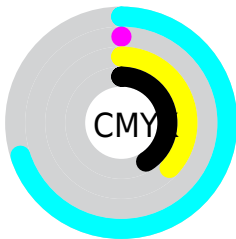
Distribution



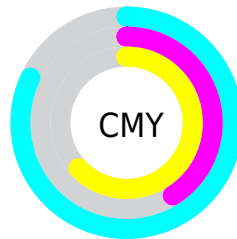
- Red (18%)
- Green (59%)
- Blue (37%)



- Red (18%)
- Yellow (46%)
- Blue (59%)



- Cyan (70%)
- Magenta (0%)
- Yellow (37%)
- Black (41%)



- Cyan (82%)
- Magenta (41%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D965E 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 2D965E by changing the saturation by 10% instead.

 2D965E

 2D965E

FFFFFF

 007C46

 68CD91

 00622F

 85EAAB

 004919

 A1FFC7

 003200

 BEFFE3

 001B00

 DBFFFF

 000000

 F8FFFF

 2D965E

 2D965E

 1E9656

 3C9666

0F964E

4B966E

009646

5A9676

69967E

789686

87968E

969696

A5969E

B496A6

Harmonies

Analogous

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



6B8F3B



2D965E



009989

Triad

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



2D965E



3A87D7



CD6658

Complementary

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



2D965E



962D65

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.



D05F81



2D965E



8D77CA

Square

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



2D965E



0092CE



BB67AA



B87539

Rectangle

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



2D965E



0099A5



BB67AA



D06265

Sweetspot

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



2D965E



99C2AC



65962D



496154



E0E0E0



616161

Same Dimension

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



2D965E



1FC26B



2D9693



434A46



008A40



000A05

Inverse Universe

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



962D65



C21F76



962D30



4A4346



8A0049



0A0005

Previews

White Background



This preview shows how the Hex color 2D965E looks on a white background.

Color Contrast Check

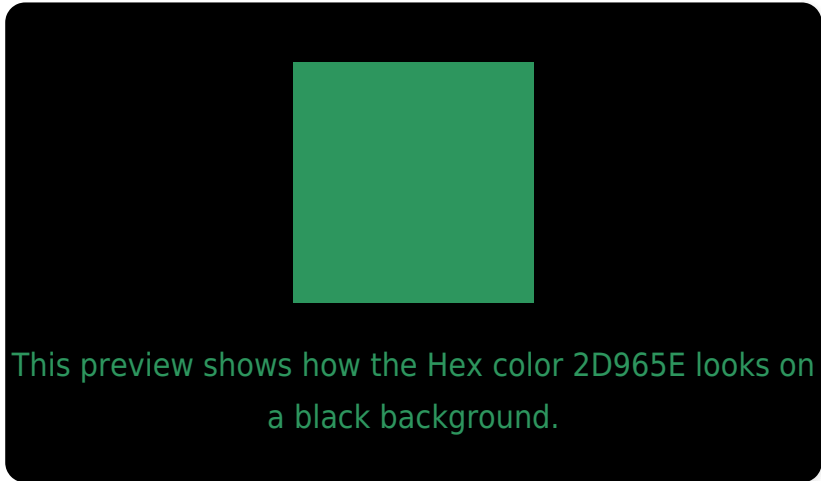
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D965E Background



This preview shows how black text looks on a background with the Hex color 2D965E.



This preview shows how white text looks on a background with the Hex color 2D965E.

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
2D965E

Protanopia
8F8356

Deuteranopia
9B7E63



Tritanopia
448F9A

Trichromacy



Original Color
2D965E



Protanomaly
6B8A59



Deuteranomaly
738761



Tritanomaly
3C9284

Monochromacy



Original Color
2D965E



Achromatopsia
707070



Achromatomaly
587E69

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D965E 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 #2D965E looks like.

```
.text, #text, p{  
    color:#2D965E  
}
```

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 #2D965E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D965E
}
```

Border

The CSS property to change the border of an element to Hex 2D965E 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
#2D965E }
```

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

```
.border{ border-color:#2D965E }
```

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

Here you see how a box with a 4 pixel #2D965E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D965E; -webkit-box-shadow:4px 4px  
4px 4px #2D965E; box-shadow:4px 4px 4px  
4px #2D965E }
```

Background

The CSS property to change the background color of an element to Hex 2D965E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D965E }
```

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

```
.background{ background-color:#2D965E }
```

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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