

Converting Colors

Hex(2D8663)

Have a look what the booklet for
Hex(2D8663) contains.

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Color

Hex(2D8663)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 2D8663 |
| RGB | 45, 134, 99 |
| RGB Percent | 18%, 53%, 39% |
| CMY | 0.8235, 0.4745, 0.6118 |
| CMYK | 0.66, 0.00, 0.26, 0.47 |
| HSL | 156°, 50%, 35% |
| HSV | 156°, 66%, 53% |
| XYZ | 11.8594, 18.5089, 14.7519 |
| YIQ | 103.3990, -41.8090, -29.7530 |

Conversions

Conversions Part 2

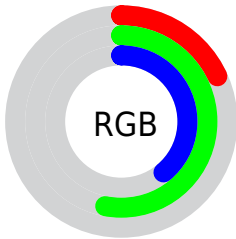
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 45, 100, 134 |
| Decimal | 2983523 |
| CIELab | 50.11, -35.10, 11.26 |
| CIElCh | 50, 36.859, 162.216 |
| Yxy | 18.5089, 0.2628, 0.4102 |
| Android (android.graphics.Color) | 4281173603 (0xFF2D8663) |
| YUV | 103.3990, -2.1687, -51.2159 |
| Hunter-Lab | 43.0220, -26.0833, 9.7853 |

Details

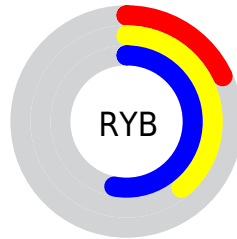
The Hex color **2D8663** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **862D50**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **65BC96**, and **005334** is the 20% darker color. If you saturate the color by 10%, you get **20865E**, and if you desaturate by 10%, it is **3A8668**.

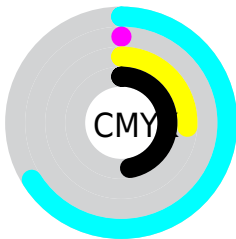
Distribution



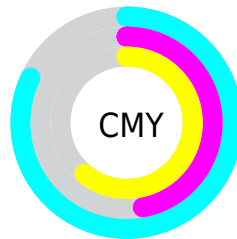
- Red (18%)
- Green (53%)
- Blue (39%)



- Red (18%)
- Yellow (39%)
- Blue (53%)



- Cyan (66%)
- Magenta (0%)
- Yellow (26%)
- Black (47%)



- Cyan (82%)
- Magenta (47%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D8663 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 2D8663 by changing the saturation by 10% instead.

 2D8663

 2D8663

FFFFFF

 056C4B

 65BC96

 005334

 81D8B1

 003B1F

 9DF5CC

 002608

 B9FFE8

 000100

 D6FFFF

 000000

 F3FFFF

 2D8663

 2D8663

 20865E

 3A8668

■ 128658

■ 48866E

■ 058653

■ 558673

■ 008651

■ 638678

■ 70867D

■ 7D8683

■ 8B8688

■ 98868D

■ A68692

Harmonies

Analogous

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



5B8147



2D8663



008783

Triad

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



2D8663



5B76B4



AD644F

Complementary

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



2D8663



862D50

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.



B35D6B



2D8663



8B6AA6

Square

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



2D8663



0080B2



A8608B



9A6F3B

Rectangle

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



2D8663



008698



A8608B



B16157

Sweetspot

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



2D8663



8BADA0



51862D



42574F



D6D6D6



575757

Same Dimension

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



2D8663



23AD77



2D7D86



3C4240



00824F



000302

Inverse Universe

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



862D50



AD2359



86362D



423C3E



820033



030001

Previews

White Background



This preview shows how the Hex color 2D8663 looks on a white background.

Color Contrast Check

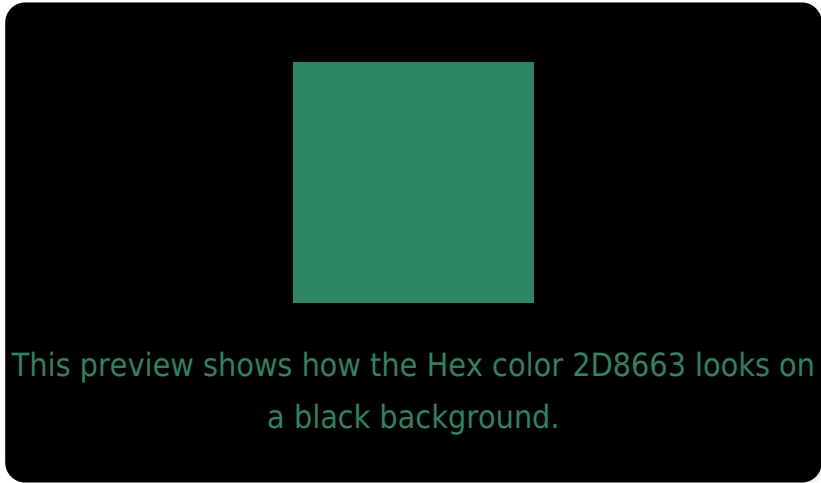
Large Text (above 18pt) WCAG AA ✓ Pass

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

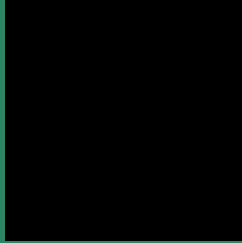
Any Text WCAG AA ✓ Pass

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 2D8663 Background



This preview shows how black text looks on a background with the Hex color 2D8663.



This preview shows how white text looks on a background with the Hex color 2D8663.

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
2D8663

Protanopia
7E765C

Deuteranopia
877267



Tritanopia
3D818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D8663 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 #2D8663 looks like.

```
.text, #text, p{  
    color:#2D8663  
}
```

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 #2D8663 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D8663  
}
```

Border

The CSS property to change the border of an element to Hex 2D8663 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  
#2D8663 }
```

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

```
.border{ border-color:#2D8663 }
```

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

Here you see how a box with a 4 pixel #2D8663 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D8663; -webkit-box-shadow:4px 4px  
4px 4px #2D8663; box-shadow:4px 4px 4px  
4px #2D8663 }
```

Background

The CSS property to change the background color of an element to Hex 2D8663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D8663 }
```

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

```
.background{ background-color:#2D8663 }
```

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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