

# Converting Colors

Hex(29563D)

Have a look what the booklet for  
Hex(29563D) contains.

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# Color

**Hex(29563D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	29563D
RGB	41, 86, 61
RGB Percent	16%, 34%, 24%
CMY	0.8392, 0.6627, 0.7608
CMYK	0.52, 0.00, 0.29, 0.66
HSL	147°, 35%, 25%
HSV	147°, 52%, 34%
XYZ	5.0845, 7.4639, 5.5876
YIQ	69.6950, -18.7950, -17.3150

# Conversions

## Conversions Part 2

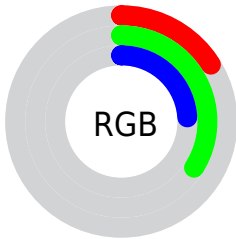
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 72, 86
Decimal	2709053
CIELab	32.84, -22.12, 9.89
CIElCh	33, 24.231, 155.922
Yxy	7.4639, 0.2804, 0.4116
Android (android.graphics.Color)	4280899133 (0xFF29563D)
YUV	69.6950, -4.2866, -25.1655
Hunter-Lab	27.3202, -14.5897, 6.9980

# Details

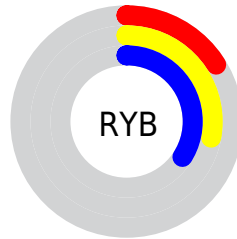
The Hex color **29563D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **562942**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **5A886D**, and **002813** is the 20% darker color. If you saturate the color by 10%, you get **205638**, and if you desaturate by 10%, it is **325642**.

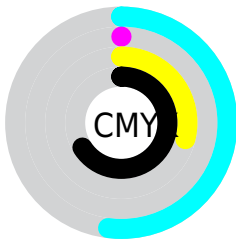
# Distribution



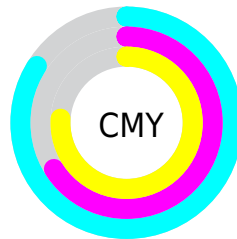
- Red (16%)
- Green (34%)
- Blue (24%)



- Red (16%)
- Yellow (28%)
- Blue (34%)



- Cyan (52%)
- Magenta (0%)
- Yellow (29%)
- Black (66%)



- Cyan (84%)
- Magenta (66%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 29563D 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 29563D by changing the saturation by 10% instead.



 29563D

 29563D

FFFFFF

 103E27

 5A886D

 002813

 73A386

 001200

 8DBEA0

 000000

 A8DABB

 C4F6D7

 E0FFF3

 FDFFFF

 29563D

 29563D

■ 205638

■ 325642

■ 185633

■ 3A5647

■ 0F562F

■ 43564B

■ 07562A

■ 4B5650

■ 005626

■ 545655

■ 5D565A

■ 65565E

■ 6E5663

■ 765668

# Harmonies

## Analogous

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



41532D



29563D



025751

# Triad

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



29563D



364E73



704138

# Complementary

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



29563D



562942

# 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.



713E4A



29563D



54476C

# Square

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



29563D



095370



68405D



66472B

# Rectangle

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



29563D



00575D



68405D



723F3E



# Sweetspot

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



29563D



5E7066



435629



2D3832



B8B8B8



383838



# Same Dimension

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



29563D



2A7049



295653



272B29



006B30



00EB68



# Inverse Universe

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



562942



702A51



56292C



2B2729



6B003B

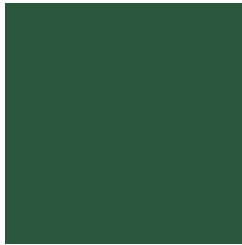


EB0082



# Previews

## White Background



This preview shows how the Hex color 29563D looks on a white background.

## Color Contrast Check

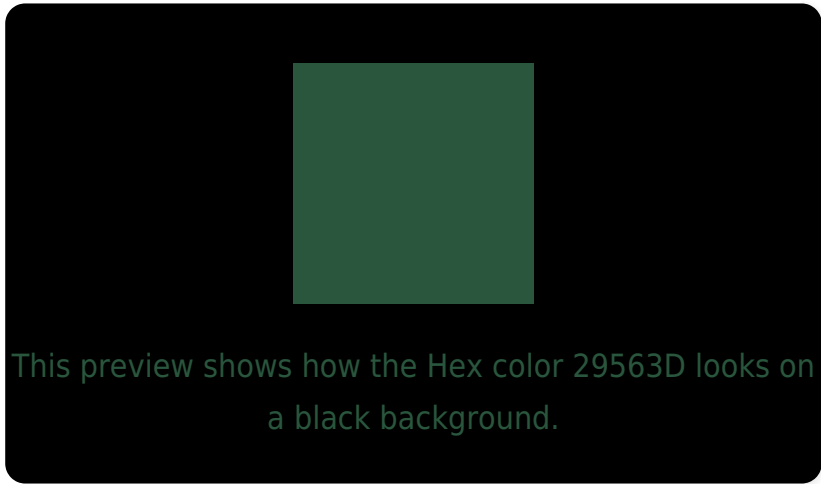
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

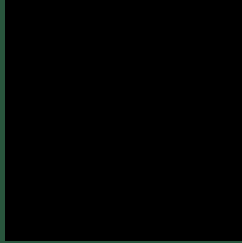
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 29563D Background



This preview shows how black text looks on a background with the Hex color 29563D.



This preview shows how white text looks on a background with the Hex color 29563D.

# 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](#).

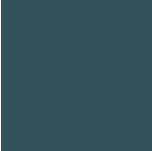
## Dichromacy



**Original Color**  
29563D

**Protanopia**  
534D39

**Deuteranopia**  
594A40



**Tritanopia**  
315259

# Trichromacy



**Original Color**  
29563D

**Protanomaly**  
44503A

**Deuteranomaly**  
484E3F

**Tritanomaly**  
2E534F

# Monochromacy



**Original Color**  
29563D

**Achromatopsia**  
464646

**Achromatomaly**  
3B4C43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 29563D 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 #29563D looks like.

```
.text, #text, p{  
    color:#29563D  
}
```

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 #29563D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29563D
}
```

## Border

The CSS property to change the border of an element to Hex 29563D 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".

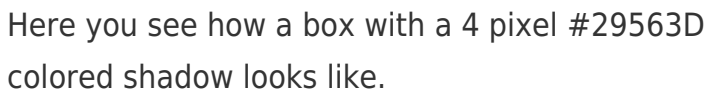
```
.border, #border, table{ border:4px solid
#29563D }
```

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

```
.border{ border-color:#29563D }
```

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

Here you see how a box with a 4 pixel #29563D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29563D; -webkit-box-shadow:4px 4px  
4px 4px #29563D; box-shadow:4px 4px 4px  
4px #29563D }
```

# Background

The CSS property to change the background color of an element to Hex 29563D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29563D }
```

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

```
.background{ background-color:#29563D }
```

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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