

# Converting Colors

Hex(267D2A)

Have a look what the booklet for  
Hex(267D2A) contains.

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# Color

Hex(267D2A)

# Conversions

## Conversions Part 1

Format	Color
Hex	267D2A
RGB	38, 125, 42
RGB Percent	15%, 49%, 16%
CMY	0.8510, 0.5098, 0.8353
CMYK	0.70, 0.00, 0.66, 0.51
HSL	123°, 53%, 32%
HSV	123°, 70%, 49%
XYZ	8.5509, 15.2465, 4.6827
YIQ	89.5250, -25.2090, -44.2570

# Conversions

## Conversions Part 2

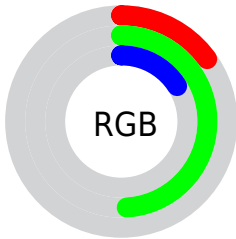
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 121, 125
Decimal	2522410
CIELab	45.97, -43.07, 36.77
CIElCh	46, 56.634, 139.510
Yxy	15.2465, 0.3002, 0.5353
Android (android.graphics.Color)	4280712490 (0xFF267D2A)
YUV	89.5250, -23.4298, -45.1874
Hunter-Lab	39.0467, -29.2420, 20.2224




# Details

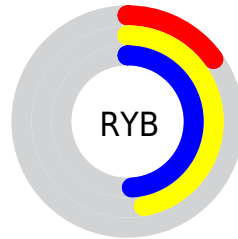
The Hex color **267D2A** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7D2679**, and the grayscale version is **5A5A5A**.




A 20% lighter version of the original color is **60B35B**, and **004B00** is the 20% darker color. If you saturate the color by 10%, you get **197D1E**, and if you desaturate by 10%, it is **327D36**.

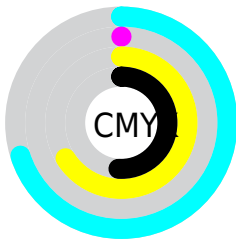
# Distribution







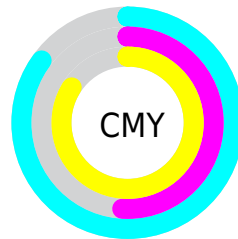
-  Red (15%)
-  Green (49%)
-  Blue (16%)






-  Red (15%)
-  Yellow (47%)
-  Blue (49%)



-  Cyan (70%)
-  Magenta (0%)
-  Yellow (66%)
-  Black (51%)



-  Cyan (85%)
-  Magenta (51%)
-  Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 267D2A 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 267D2A by changing the saturation by 10% instead.



 267D2A

 267D2A

FFFFFF

 006310

 60B35B

 004B00

 7BCE75

 003300

 97EB8F

 001D00

 B3FFAA

 000000

 D0FFC6

 EDFFE2

 267D2A

 267D2A

 197D1E

 327D36

 0D7D12

 3F7D42

 007D06

 4B7D4E

 587D5A

 647D66

 717D72

 7E7D7D

 8A7D89

 967D95

# Harmonies

## Analogous

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



667400



267D2A



00825A

# Triad

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



267D2A



0077CA



C13D50

# Complementary

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



267D2A



7D2679

# 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.



B93D80



267D2A



4767C7

# Square

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



267D2A



0080B4



9551AB



B15025

# Rectangle

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



267D2A



00837B



9551AB



C13B60



# Sweetspot

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



267D2A



81A383



7A7D26



3D523E



D1D1D1



525252



# Same Dimension

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



267D2A



1AA320



267D54



39403A



008006



000000



# Inverse Universe

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



7D2679



A31A9D



7D264F



40393F



80007A



000000



# Previews

## White Background



This preview shows how the Hex color 267D2A looks on a white background.

## Color Contrast Check

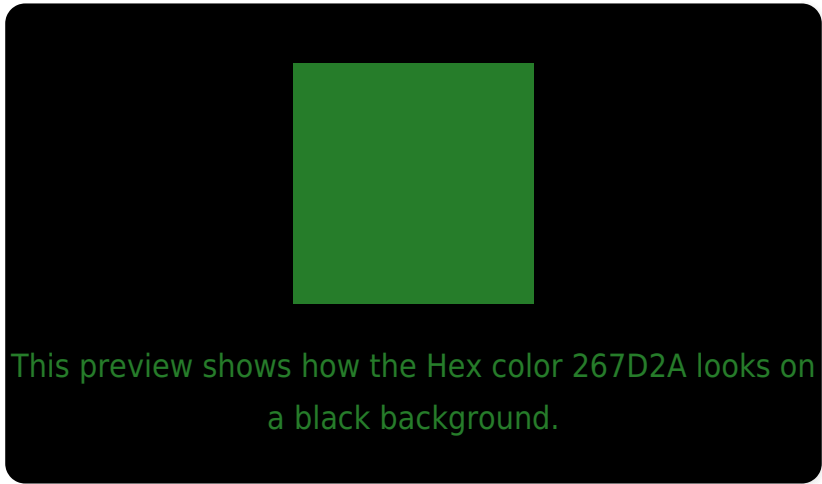
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

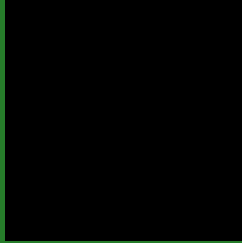
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 267D2A Background



This preview shows how black text looks on a background with the Hex color 267D2A.



This preview shows how white text looks on a background with the Hex color 267D2A.

# 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**  
267D2A

**Protanopia**  
796C25

**Deuteranopia**  
866731



**Tritanopia**  
3D757E

# Trichromacy



**Original Color**

267D2A



**Protanomaly**

5B7227



**Deuteranomaly**

636F2E



**Tritanomaly**

35785F

# Monochromacy



**Original Color**

267D2A



**Achromatopsia**

5A5A5A



**Achromatomaly**

476749

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 267D2A 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 #267D2A looks like.

```
.text, #text, p{  
    color:#267D2A  
}
```

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 #267D2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #267D2A
}
```

## Border

The CSS property to change the border of an element to Hex 267D2A 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
#267D2A }
```

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

```
.border{ border-color:#267D2A }
```

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

Here you see how a box with a 4 pixel #267D2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #267D2A; -webkit-box-shadow:4px 4px  
4px 4px #267D2A; box-shadow:4px 4px 4px  
4px #267D2A }
```

# Background

The CSS property to change the background color of an element to Hex 267D2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#267D2A }
```

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

```
.background{ background-color:#267D2A }
```

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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