

Converting Colors

Hex(267A3D)

Have a look what the booklet for
Hex(267A3D) contains.

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Color

Hex(267A3D)

Conversions

Conversions Part 1

Format	Color
Hex	267A3D
RGB	38, 122, 61
RGB Percent	15%, 48%, 24%
CMY	0.8510, 0.5216, 0.7608
CMYK	0.69, 0.00, 0.50, 0.52
HSL	136°, 53%, 31%
HSV	136°, 69%, 48%
XYZ	8.6012, 14.6681, 6.7928
YIQ	89.9300, -30.4830, -36.7790

Conversions

Conversions Part 2

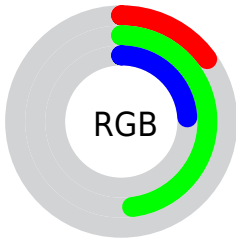
Format	Color
R _Y B	38, 104, 122
Decimal	2521661
CIE Lab	45.18, -39.21, 26.15
CIE LCh	45, 47.133, 146.296
Yxy	14.6681, 0.2861, 0.4879
Android (android.graphics.Color)	4280711741 (0xFF267A3D)
YUV	89.9300, -14.2625, -45.5426
Hunter-Lab	38.2989, -26.9355, 16.2934

Details

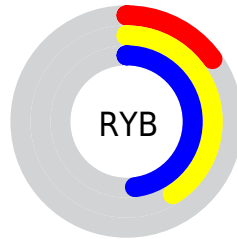
The Hex color **267A3D** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7A2663**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **5EAF6E**, and **00480F** is the 20% darker color. If you saturate the color by 10%, you get **1A7A34**, and if you desaturate by 10%, it is **327A46**.

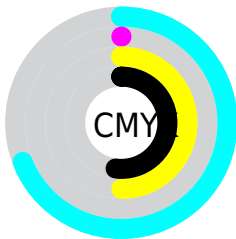
Distribution



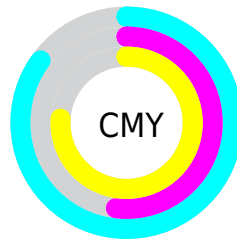
- Red (15%)
- Green (48%)
- Blue (24%)



- Red (15%)
- Yellow (41%)
- Blue (48%)



- Cyan (69%)
- Magenta (0%)
- Yellow (50%)
- Black (52%)



- Cyan (85%)
- Magenta (52%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 267A3D 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 267A3D by changing the saturation by 10% instead.

 267A3D

 267A3D

FFFFFF

 006126

 5EAF6E

 00480F

 79CB87

 003100

 95E7A2

 001B00

 B1FFBD

 000000

 CDFFD9

 EAFFF6

 267A3D

 267A3D

 1A7A34

 327A46

■ 0E7A2B

■ 3E7A4F

■ 017A22

■ 4B7A58

■ 007A21

■ 577A60

■ 637A69

■ 6F7A72

■ 7B7A7B

■ 887A84

■ 947A8D

Harmonies

Analogous

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



5D731D



267A3D



007D65

Triad

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



267A3D



0071B9



B14A4A

Complementary

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



267A3D



7A2663

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.



AF4671



267A3D



6363B2

Square

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



267A3D



007AAC



965197



A15829

Rectangle

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



267A3D



007E80



965197



B24757

Sweetspot

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



267A3D



7D9E86



647A26



3B4F41



CFCFCF



4F4F4F

Same Dimension

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



267A3D



1B9E3F



267A66



373D39



007D22



00FC45

Inverse Universe

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



7A2663



9E1B7A



7A263A



3D373C



7D005B



FC00B7

Previews

White Background



This preview shows how the Hex color 267A3D looks on a white background.

Color Contrast Check

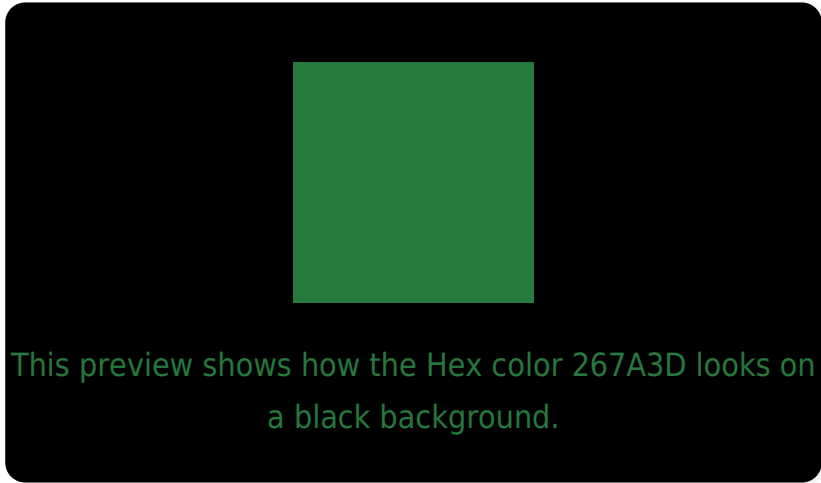
Large Text (above 18pt) WCAG AA ✓ Pass

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 267A3D Background



This preview shows how black text looks on a background with the Hex color 267A3D.



This preview shows how white text looks on a background with the Hex color 267A3D.

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
267A3D

Protanopia
756A38

Deuteranopia
806642



Tritanopia
3A737C

Trichromacy



Original Color
267A3D

Protanomaly
58703A

Deuteranomaly
5F6D40

Tritanomaly
337665

Monochromacy



Original Color
267A3D

Achromatopsia
5A5A5A

Achromatomaly
47664F

CSS Examples

Text

The CSS property to change the color of the text to Hex 267A3D 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 #267A3D looks like.

```
.text, #text, p{  
    color:#267A3D  
}
```

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 #267A3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #267A3D
}
```

Border

The CSS property to change the border of an element to Hex 267A3D 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
#267A3D }
```

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

```
.border{ border-color:#267A3D }
```

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

Here you see how a box with a 4 pixel #267A3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #267A3D; -webkit-box-shadow:4px 4px  
4px 4px #267A3D; box-shadow:4px 4px 4px  
4px #267A3D }
```

Background

The CSS property to change the background color of an element to Hex 267A3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#267A3D }
```

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

```
.background{ background-color:#267A3D }
```

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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