

Converting Colors

Hex(286633)

Have a look what the booklet for
Hex(286633) contains.

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Color

Hex(286633)

Conversions

Conversions Part 1

Format	Color
Hex	286633
RGB	40, 102, 51
RGB Percent	16%, 40%, 20%
CMY	0.8431, 0.6000, 0.8000
CMYK	0.61, 0.00, 0.50, 0.60
HSL	131°, 44%, 28%
HSV	131°, 61%, 40%
XYZ	6.2240, 10.1929, 4.7714
YIQ	77.6480, -20.5810, -29.0050

Conversions

Conversions Part 2

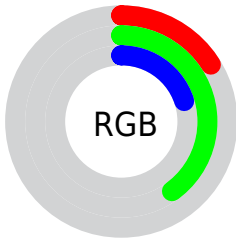
Format	Color
RYB	40, 93, 102
Decimal	2647603
CIELab	38.19, -32.03, 22.91
CIElCh	38, 39.381, 144.420
Yxy	10.1929, 0.2937, 0.4811
Android (android.graphics.Color)	4280837683 (0xFF286633)
YUV	77.6480, -13.1375, -33.0173
Hunter-Lab	31.9263, -21.0727, 13.4876

Details

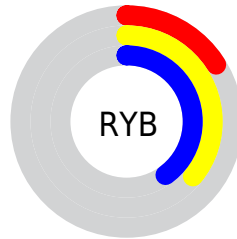
The Hex color **286633** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **66285B**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **5C9A62**, and **003605** is the 20% darker color. If you saturate the color by 10%, you get **1E662B**, and if you desaturate by 10%, it is **32663B**.

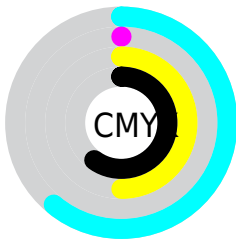
Distribution



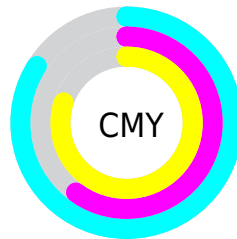
- Red (16%)
- Green (40%)
- Blue (20%)



- Red (16%)
- Yellow (36%)
- Blue (40%)



- Cyan (61%)
- Magenta (0%)
- Yellow (50%)
- Black (60%)



- Cyan (84%)
- Magenta (60%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 286633 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 286633 by changing the saturation by 10% instead.

 286633

 286633

FFFFFF

 094E1D

 5C9A62

 003605

 76B57C

 002200

 91D196

 000000

 ACEDB0

 C8FFCC

 E5FFE8

 286633

 286633

 1E662B

 32663B

■ 146622

■ 3C6644

■ 09661A

■ 47664C

■ 006612

■ 516655

■ 5B665D

■ 656665

■ 6F666E

■ 7A6676

■ 84667F

Harmonies

Analogous

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



51601B



286633



006953

Triad

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



286633



005F99



943F41

Complementary

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



286633



66285B

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.



903D61



286633



505494

Square

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



286633



00668D



7B467F



874A26

Rectangle

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



286633



006969



7B467F



943D4C

Sweetspot

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



286633



6D8571



5C6628



344236



C2C2C2



424242

Same Dimension

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



286633



248535



286651



2E332F



007314



00F22B

Inverse Universe

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



66285B



852473



66283D



332E32



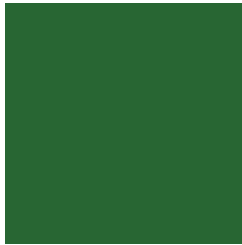
73005E



F200C7

Previews

White Background



This preview shows how the Hex color 286633 looks on a white background.

Color Contrast Check

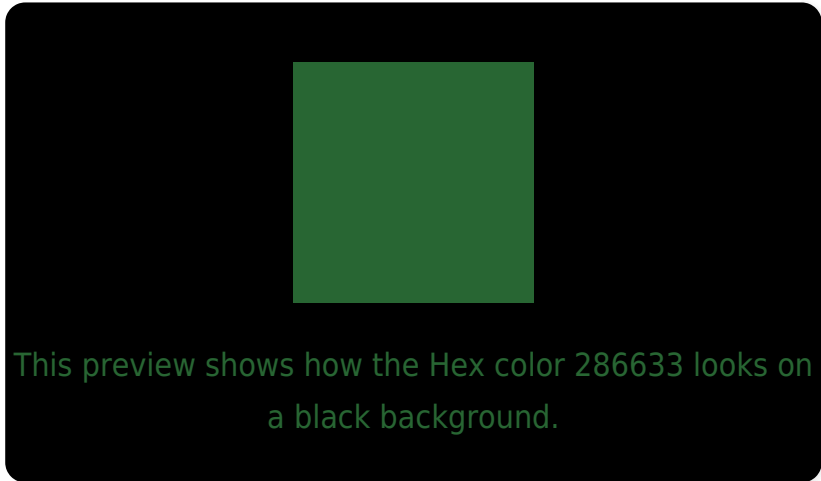
Large Text (above 18pt) WCAG AA ✓ Pass

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

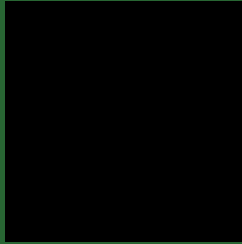
Any Text WCAG AA × Fail

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 286633 Background



This preview shows how black text looks on a background with the Hex color 286633.



This preview shows how white text looks on a background with the Hex color 286633.

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
286633

Protanopia
635A2F

Deuteranopia
6C5537



Tritanopia
366068

Trichromacy



Original Color
286633

Protanomaly
4E5E30

Deuteranomaly
535B36

Tritanomaly
316255

Monochromacy



Original Color
286633

Achromatopsia
4E4E4E

Achromatomaly
405744

CSS Examples

Text

The CSS property to change the color of the text to Hex 286633 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 #286633 looks like.

```
.text, #text, p{  
    color:#286633  
}
```

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 #286633 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #286633  
}
```

Border

The CSS property to change the border of an element to Hex 286633 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  
#286633 }
```

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

```
.border{ border-color:#286633 }
```

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

Here you see how a box with a 4 pixel #286633 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #286633; -webkit-box-shadow:4px 4px  
4px 4px #286633; box-shadow:4px 4px 4px  
4px #286633 }
```

Background

The CSS property to change the background color of an element to Hex 286633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#286633 }
```

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

```
.background{ background-color:#286633 }
```

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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