

Converting Colors

Hex(286445)

Have a look what the booklet for
Hex(286445) contains.

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Color

Hex(286445)

Conversions

Conversions Part 1

Format	Color
Hex	286445
RGB	40, 100, 69
RGB Percent	16%, 39%, 27%
CMY	0.8431, 0.6078, 0.7294
CMYK	0.60, 0.00, 0.31, 0.61
HSL	149°, 43%, 27%
HSV	149°, 60%, 39%
XYZ	6.5064, 9.9951, 7.2166
YIQ	78.5260, -25.8090, -22.3610

Conversions

Conversions Part 2

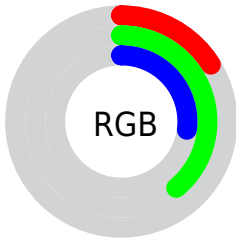
Format	Color
RYB	40, 80, 100
Decimal	2647109
CIELab	37.83, -27.51, 11.88
CIElCh	38, 29.960, 156.642
Yxy	9.9951, 0.2743, 0.4214
Android (android.graphics.Color)	4280837189 (0xFF286445)
YUV	78.5260, -4.6963, -33.7873
Hunter-Lab	31.6151, -18.5909, 8.5968

Details

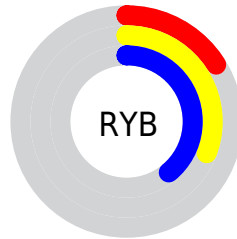
The Hex color **286445** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **642847**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **5B9775**, and **00341A** is the 20% darker color. If you saturate the color by 10%, you get **1E6440**, and if you desaturate by 10%, it is **32644A**.

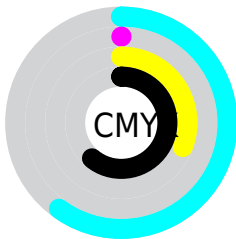
Distribution



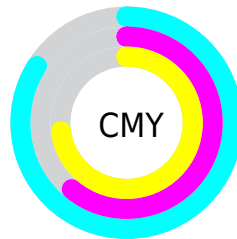
- Red (16%)
- Green (39%)
- Blue (27%)



- Red (16%)
- Yellow (31%)
- Blue (39%)



- Cyan (60%)
- Magenta (0%)
- Yellow (31%)
- Black (61%)



- Cyan (84%)
- Magenta (61%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 286445 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 286445 by changing the saturation by 10% instead.

 286445

 286445

FFFFFF

 0A4C2F

 5B9775

 00341A

 75B28F

 002100

 90CEA9

 000000

 ABEAC5

 C7FFE1

 E3FFFD

 286445

 286445

 1E6440

 32644A

■ 14643B

■ 3C644F

■ 0A6436

■ 466455

■ 006430

■ 50645A

■ 5A645F

■ 646464

■ 6E6469

■ 78646E

■ 826474

Harmonies

Analogous

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



496031



286445



00665E

Triad

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



286445



3B5A89



84493D

Complementary

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



286445



642847

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.



864555



286445



625180

Square

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



286445



006185



7B486D



77512D

Rectangle

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



286445



00656E



7B486D



864745

Sweetspot

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



286445



6B8276



476428



34423B



C2C2C2



424242

Same Dimension

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



286445



248252



286463



2E3330



007337



00F275

Inverse Universe

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



642847



822455



642829



332E31



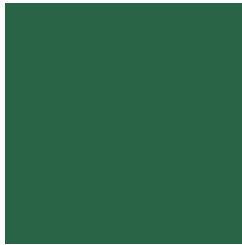
73003B



F2007D

Previews

White Background



This preview shows how the Hex color 286445 looks on a white background.

Color Contrast Check

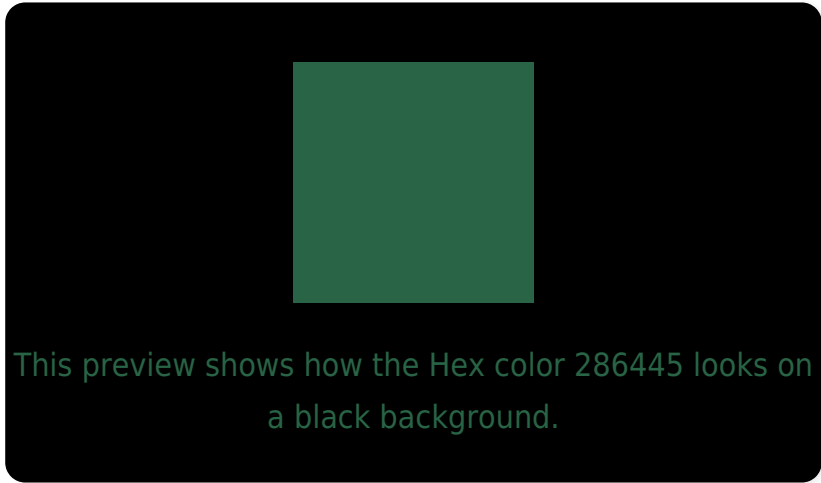
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

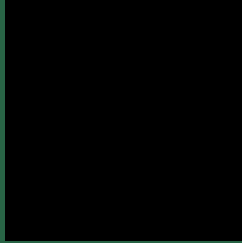
Any Text WCAG AA × Fail

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 286445 Background



This preview shows how black text looks on a background with the Hex color 286445.



This preview shows how white text looks on a background with the Hex color 286445.

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
286445

Protanopia
5F5940

Deuteranopia
675548



Tritanopia
336067

Trichromacy



Original Color
286445

Protanomaly
4B5D42

Deuteranomaly
505A47

Tritanomaly
2F615B

Monochromacy



Original Color
286445

Achromatopsia
4F4F4F

Achromatomaly
41574B

CSS Examples

Text

The CSS property to change the color of the text to Hex 286445 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 #286445 looks like.

```
.text, #text, p{  
    color:#286445  
}
```

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 #286445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #286445
}
```

Border

The CSS property to change the border of an element to Hex 286445 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".

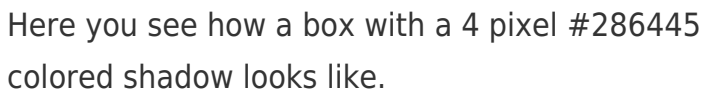
```
.border, #border, table{ border:4px solid
#286445 }
```

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

```
.border{ border-color:#286445 }
```

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

Here you see how a box with a 4 pixel #286445 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #286445; -webkit-box-shadow:4px 4px  
4px 4px #286445; box-shadow:4px 4px 4px  
4px #286445 }
```

Background

The CSS property to change the background color of an element to Hex 286445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#286445 }
```

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

```
.background{ background-color:#286445 }
```

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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