

Converting Colors

Hex(286461)

Have a look what the booklet for
Hex(286461) contains.

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Color

Hex(286461)

Conversions

Conversions Part 1

Format	Color
Hex	286461
RGB	40, 100, 97
RGB Percent	16%, 39%, 38%
CMY	0.8431, 0.6078, 0.6196
CMYK	0.60, 0.00, 0.03, 0.61
HSL	177°, 43%, 27%
HSV	177°, 60%, 39%
XYZ	7.5899, 10.4285, 12.9221
YIQ	81.7180, -34.7970, -13.6530

Conversions

Conversions Part 2

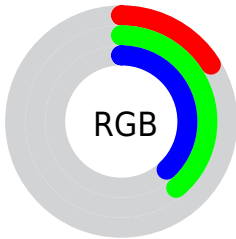
Format	Color
RYB	40, 71, 100
Decimal	2647137
CIELab	38.60, -20.04, -4.15
CIELCh	39, 20.460, 191.691
Yxy	10.4285, 0.2453, 0.3371
Android (android.graphics.Color)	4280837217 (0xFF286461)
YUV	81.7180, 7.5340, -36.5867
Hunter-Lab	32.2932, -14.5601, -1.1196




Details

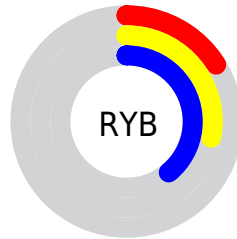
The Hex color **286461** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **64282B**, and the grayscale version is **525252**.




A 20% lighter version of the original color is **5C9794**, and **003533** is the 20% darker color. If you saturate the color by 10%, you get **1E6461**, and if you desaturate by 10%, it is **326462**.

Distribution







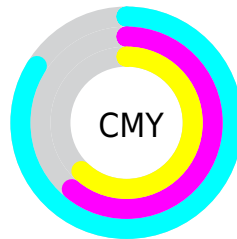
-  Red (16%)
-  Green (39%)
-  Blue (38%)






-  Red (16%)
-  Yellow (28%)
-  Blue (39%)



-  Cyan (60%)
-  Magenta (0%)
-  Yellow (3%)
-  Black (61%)



-  Cyan (84%)
-  Magenta (61%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 286461 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 286461 by changing the saturation by 10% instead.

■ 286461

■ 286461

FFFFFF

■ 084C49

■ 5C9794

■ 003533

■ 77B2AE

■ 00201E

■ 91CEC9

■ 000004

■ ADEAE6

■ 000000

■ C9FFFF

■ E6FFFF

■ 286461

■ 286461

■ 1E6461

■ 326462

■ 146460

■ 3C6462

■ 0A645F

■ 466463

■ 00645F

■ 506463

■ 5A6464

■ 646464

■ 6E6465

■ 786465

■ 826466

Harmonies

Analogous

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



3A6350



286461



246370

Triad

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



286461



655474



6F563C

Complementary

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



286461



64282B

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.



795146



286461



755066

Square

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



286461



4E5A7B



7C4E55



605C3A

Rectangle

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



286461



2E6178



7C4E55



73543E

Sweetspot

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



286461



6B8281



2B6428



344242



C2C2C2



424242

Same Dimension

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



286461



24827D



284964



2E3333



00736D



00F2E6

Inverse Universe

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



64282B



822429



644328



332E2E



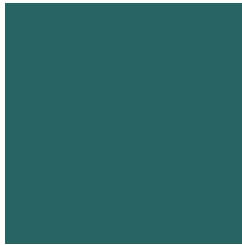
730006



F2000C

Previews

White Background



This preview shows how the Hex color 286461 looks on a white background.

Color Contrast Check

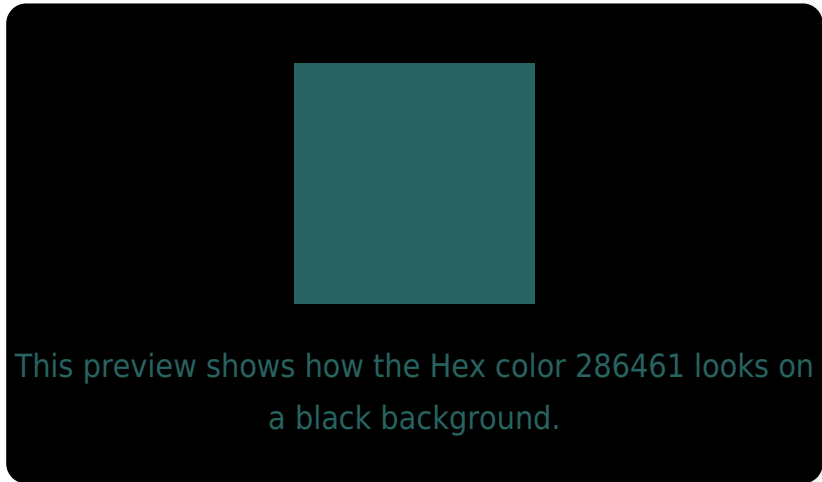
Large Text (above 18pt) WCAG AA ✓ Pass

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

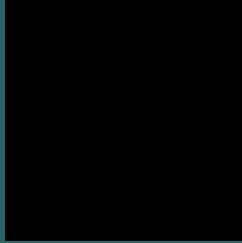
Any Text WCAG AA × Fail

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 286461 Background



This preview shows how black text looks on a background with the Hex color 286461.



This preview shows how white text looks on a background with the Hex color 286461.

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
286461

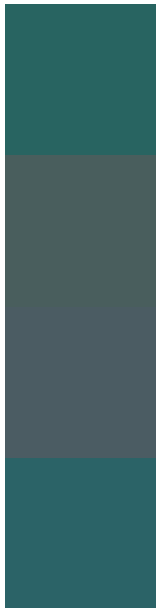
Protanopia
5C5A5B

Deuteranopia
5F5864



Tritanopia
2C636B

Trichromacy



Original Color
286461

Protanomaly
495E5D

Deuteranomaly
4B5C63

Tritanomaly
2B6367

Monochromacy



Original Color
286461

Achromatopsia
525252

Achromatomaly
435957

CSS Examples

Text

The CSS property to change the color of the text to Hex 286461 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 #286461 looks like.

```
.text, #text, p{  
    color:#286461  
}
```

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 #286461 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #286461  
}
```

Border

The CSS property to change the border of an element to Hex 286461 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  
#286461 }
```

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

```
.border{ border-color:#286461 }
```

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

Here you see how a box with a 4 pixel #286461 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #286461; -webkit-box-shadow:4px 4px  
4px 4px #286461; box-shadow:4px 4px 4px  
4px #286461 }
```

Background

The CSS property to change the background color of an element to Hex 286461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#286461 }
```

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

```
.background{ background-color:#286461 }
```

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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