

Converting Colors

Hex(296765)

Have a look what the booklet for
Hex(296765) contains.

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Color

Hex(296765)

Conversions

Conversions Part 1

Format	Color
Hex	296765
RGB	41, 103, 101
RGB Percent	16%, 40%, 40%
CMY	0.8392, 0.5961, 0.6039
CMYK	0.60, 0.00, 0.02, 0.60
HSL	178°, 43%, 28%
HSV	178°, 60%, 40%
XYZ	8.1137, 11.1115, 14.0290
YIQ	84.2340, -36.3100, -13.7660

Conversions

Conversions Part 2

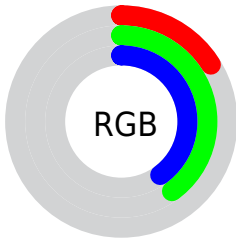
Format	Color
RYB	41, 73, 103
Decimal	2713445
CIELab	39.77, -20.22, -4.86
CIElCh	40, 20.799, 193.524
Yxy	11.1115, 0.2440, 0.3341
Android (android.graphics.Color)	4280903525 (0xFF296765)
YUV	84.2340, 8.2656, -37.9162
Hunter-Lab	33.3339, -14.8864, -1.6192




Details

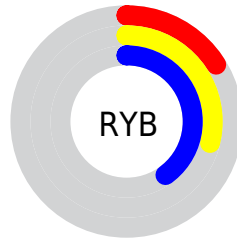
The Hex color **296765** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **67292B**, and the grayscale version is **545454**.




A 20% lighter version of the original color is **5E9A98**, and **003836** is the 20% darker color. If you saturate the color by 10%, you get **1F6765**, and if you desaturate by 10%, it is **336765**.

Distribution







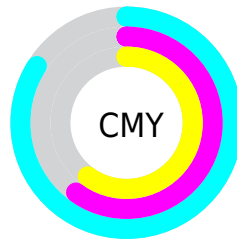
-  Red (16%)
-  Green (40%)
-  Blue (40%)






-  Red (16%)
-  Yellow (29%)
-  Blue (40%)



-  Cyan (60%)
-  Magenta (0%)
-  Yellow (2%)
-  Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 296765 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 296765 by changing the saturation by 10% instead.

 296765

 296765


FFFFFF

 084F4D

 5E9A98

 003836

 78B5B3

 002221

 93D1CE

 00000B

 AFEDEA

 000000

 CBFFFF

 E8FFFF

 296765

 296765

 1F6765

 336765

■ 146764

■ 3E6766

■ 0A6764

■ 486766

■ 006764

■ 526766

■ 5D6767

■ 676767

■ 716767

■ 7B6768

■ 866768

Harmonies

Analogous

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



3B6654



296765



266674

Triad

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



296765



6A5776



72593D

Complementary

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



296765



67292B

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.



7C5447



296765



795268

Square

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



296765



535D7E



7F5157



625F3C

Rectangle

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



296765



31637C



7F5157



765740

Sweetspot

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



296765



6F8786



2B6729



364544



C4C4C4



454545

Same Dimension

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



296765



268784



294A67



2E3333



00736F



00F2EA

Inverse Universe

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



67292B



872629



674629



332E2E



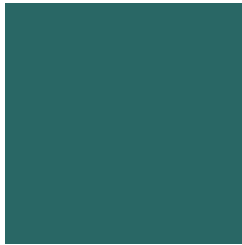
730004



F20008

Previews

White Background



This preview shows how the Hex color 296765 looks on a white background.

Color Contrast Check

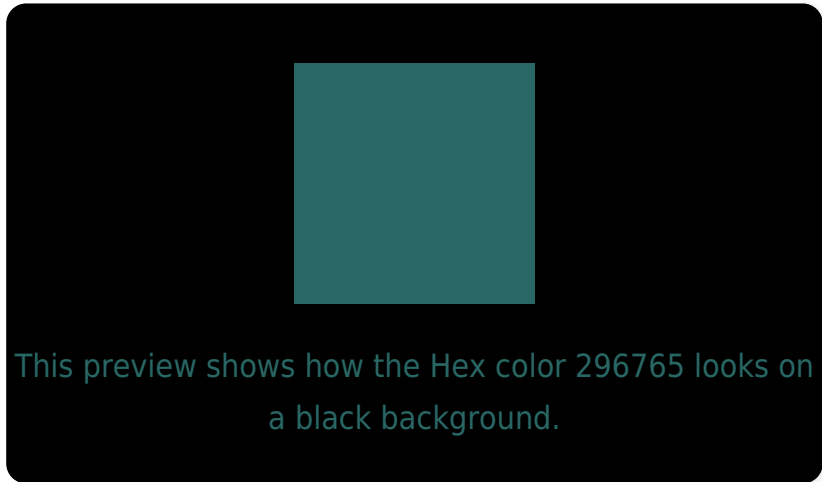
Large Text (above 18pt) WCAG AA ✓ Pass

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

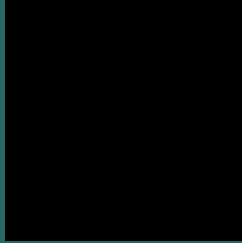
Any Text WCAG AA × Fail

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 296765 Background



This preview shows how black text looks on a background with the Hex color 296765.



This preview shows how white text looks on a background with the Hex color 296765.

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
296765

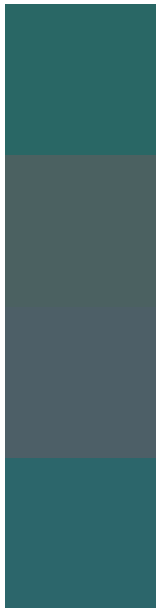
Protanopia
5E5D5F

Deuteranopia
625B68



Tritanopia
2D666E

Trichromacy



Original Color
296765

Protanomaly
4B6161

Deuteranomaly
4D5F67

Tritanomaly
2C666B

Monochromacy



Original Color
296765

Achromatopsia
545454

Achromatomaly
445B5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 296765 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 #296765 looks like.

```
.text, #text, p{  
    color:#296765  
}
```

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 #296765 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #296765
}
```

Border

The CSS property to change the border of an element to Hex 296765 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
#296765 }
```

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

```
.border{ border-color:#296765 }
```

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

Here you see how a box with a 4 pixel #296765 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #296765; -webkit-box-shadow:4px 4px  
4px 4px #296765; box-shadow:4px 4px 4px  
4px #296765 }
```

Background

The CSS property to change the background color of an element to Hex 296765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#296765 }
```

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

```
.background{ background-color:#296765 }
```

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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