

Converting Colors

Hex(296056)

Have a look what the booklet for
Hex(296056) contains.

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Color

Hex(296056)

Conversions

Conversions Part 1

Format	Color
Hex	296056
RGB	41, 96, 86
RGB Percent	16%, 38%, 34%
CMY	0.8392, 0.6235, 0.6627
CMYK	0.57, 0.00, 0.10, 0.62
HSL	169°, 40%, 27%
HSV	169°, 57%, 38%
XYZ	6.7770, 9.5090, 10.2823
YIQ	78.4150, -29.5700, -14.7700

Conversions

Conversions Part 2

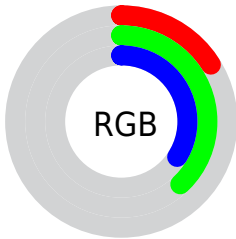
Format	Color
R_{YB}	41, 71, 96
Decimal	2711638
CIE _{Lab}	36.95, -20.88, 0.21
CIE _{LCh}	37, 20.885, 179.423
Yxy	9.5090, 0.2551, 0.3579
Android (android.graphics.Color)	4280901718 (0xFF296056)
YUV	78.4150, 3.7394, -32.8130
Hunter-Lab	30.8367, -14.7351, 1.8158




Details

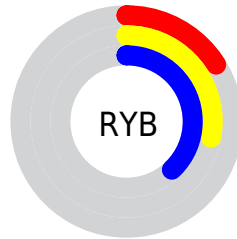
The Hex color **296056** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **602933**, and the grayscale version is **4E4E4E**.




A 20% lighter version of the original color is **5C9388**, and **003129** is the 20% darker color. If you saturate the color by 10%, you get **1F6054**, and if you desaturate by 10%, it is **336058**.

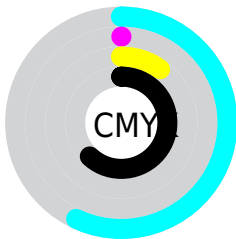
Distribution







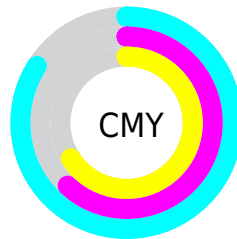
-  Red (16%)
-  Green (38%)
-  Blue (34%)






-  Red (16%)
-  Yellow (28%)
-  Blue (38%)



-  Cyan (57%)
-  Magenta (0%)
-  Yellow (10%)
-  Black (62%)



-  Cyan (84%)
-  Magenta (62%)
-  Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 296056 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 296056 by changing the saturation by 10% instead.

 296056

 296056

FFFFFF

 0C483F

 5C9388

 003129

 76AEA2

 001D15

 90C9BD

 000000

 ACE5D9

 C7FFF5

 E4FFFF

 296056

 296056

 1F6054

 336058

■ 166053

■ 3C6059

■ 0C6051

■ 46605B

■ 03604F

■ 4F605D

■ 00604F

■ 59605F

■ 636060

■ 6C6062

■ 766064

■ 7F6066

Harmonies

Analogous

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



3D5E45



296056



1B6067

Triad

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



296056



595374



70503B

Complementary

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



296056



602933

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.



784B47



296056



6C4D68

Square

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



296056



3F5978



764A58



635635

Rectangle

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



296056



1F5E70



764A58



744E3E

Sweetspot

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



296056



687D79



336029



33403D



BFBFBF



404040

Same Dimension

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



296056



277D6D



294F60



2C3030



00705C



00F0C4

Inverse Universe

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



602933



7D2736



603A29



302C2C



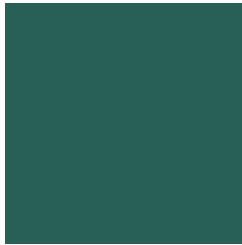
700014



F0002C

Previews

White Background



This preview shows how the Hex color 296056 looks on a white background.

Color Contrast Check

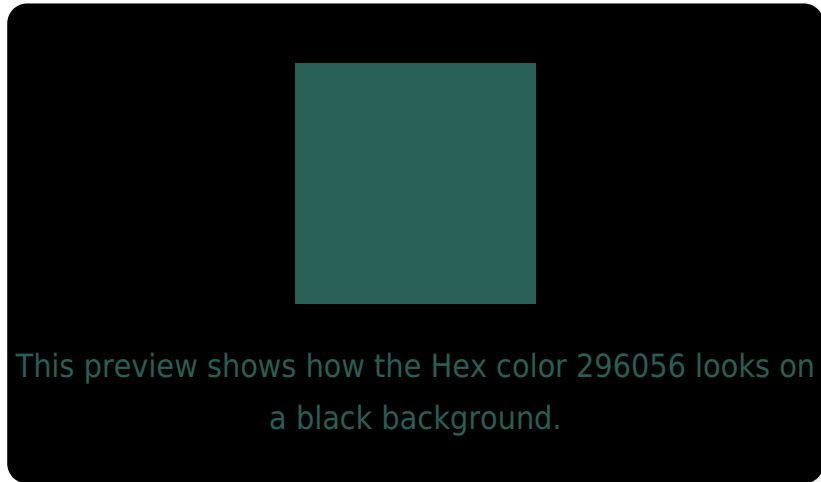
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

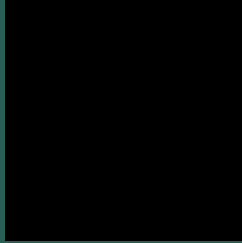
Any Text WCAG AA × Fail

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 296056 Background



This preview shows how black text looks on a background with the Hex color 296056.

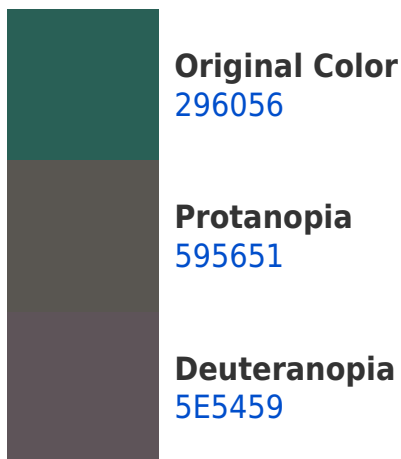


This preview shows how white text looks on a background with the Hex color 296056.

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](#).

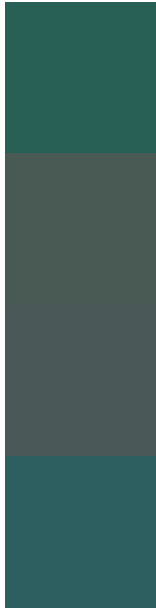
Dichromacy





Tritanopia
2F5E65

Trichromacy



Original Color
296056

Protanomaly
485A53

Deuteranomaly
4B5858

Tritanomaly
2D5F60

Monochromacy



Original Color
296056

Achromatopsia
4E4E4E

Achromatomaly
415551

CSS Examples

Text

The CSS property to change the color of the text to Hex 296056 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 #296056 looks like.

```
.text, #text, p{  
    color:#296056  
}
```

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 #296056 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #296056
}
```

Border

The CSS property to change the border of an element to Hex 296056 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
#296056 }
```

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

```
.border{ border-color:#296056 }
```

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

Here you see how a box with a 4 pixel #296056 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #296056; -webkit-box-shadow:4px 4px  
4px 4px #296056; box-shadow:4px 4px 4px  
4px #296056 }
```

Background

The CSS property to change the background color of an element to Hex 296056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#296056 }
```

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

```
.background{ background-color:#296056 }
```

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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