

Converting Colors

Hex(296252)

Have a look what the booklet for
Hex(296252) contains.

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Color

Hex(296252)

Conversions

Conversions Part 1

Format	Color
Hex	296252
RGB	41, 98, 82
RGB Percent	16%, 38%, 32%
CMY	0.8392, 0.6157, 0.6784
CMYK	0.58, 0.00, 0.16, 0.62
HSL	163°, 41%, 27%
HSV	163°, 58%, 38%
XYZ	6.8051, 9.8160, 9.5186
YIQ	79.1330, -28.8360, -17.0600

Conversions

Conversions Part 2

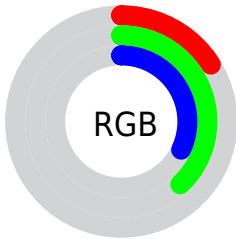
Format	Color
R_{YB}	41, 74, 98
Decimal	2712146
CIE _{Lab}	37.51, -23.03, 3.50
CIE _{LCh}	38, 23.291, 171.369
Yxy	9.8160, 0.2603, 0.3755
Android (android.graphics.Color)	4280902226 (0xFF296252)
YUV	79.1330, 1.4134, -33.4426
Hunter-Lab	31.3305, -16.0573, 3.9182




Details

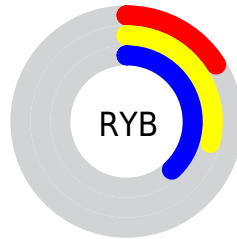
The Hex color **296252** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **622939**, and the grayscale version is **4F4F4F**.




A 20% lighter version of the original color is **5C9583**, and **003325** is the 20% darker color. If you saturate the color by 10%, you get **1F624F**, and if you desaturate by 10%, it is **336255**.

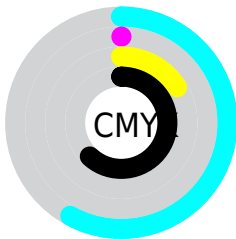
Distribution







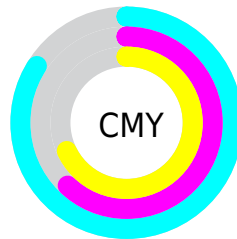
-  Red (16%)
-  Green (38%)
-  Blue (32%)






-  Red (16%)
-  Yellow (29%)
-  Blue (38%)



-  Cyan (58%)
-  Magenta (0%)
-  Yellow (16%)
-  Black (62%)



-  Cyan (84%)
-  Magenta (62%)
-  Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 296252 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 296252 by changing the saturation by 10% instead.

 296252

 296252

FFFFFF

 0C4A3B

 5C9583

 003325

 76B09D

 001F11

 90CBB8

 000000

 ACE8D4

 C8FFF0

 E4FFFF

 296252

 296252

 1F624F

 336255

■ 15624C

■ 3D6258

■ 0C624A

■ 46625A

■ 026247

■ 50625D

■ 006246

■ 5A6260

■ 646263

■ 6E6265

■ 776268

■ 81626B

Harmonies

Analogous

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



416040



296252



0E6265

Triad

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



296252



53557B



774F3C

Complementary

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



296252



622939

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.



7D4A4C



296252



6B4F70

Square

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



296252



345C7D



794A5F



6A5533

Rectangle

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



296252



0A6170



794A5F



7A4D40

Sweetspot

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



296252



6A8079



396229



33403C



BFBFBF



404040

Same Dimension

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



296252



268066



295662



2C302F



007051



00F0AC

Inverse Universe

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



622939



80263F



623529



302C2D



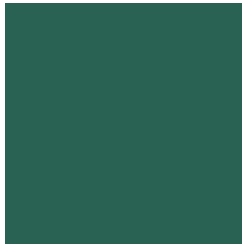
70001F



F00043

Previews

White Background



This preview shows how the Hex color 296252 looks on a white background.

Color Contrast Check

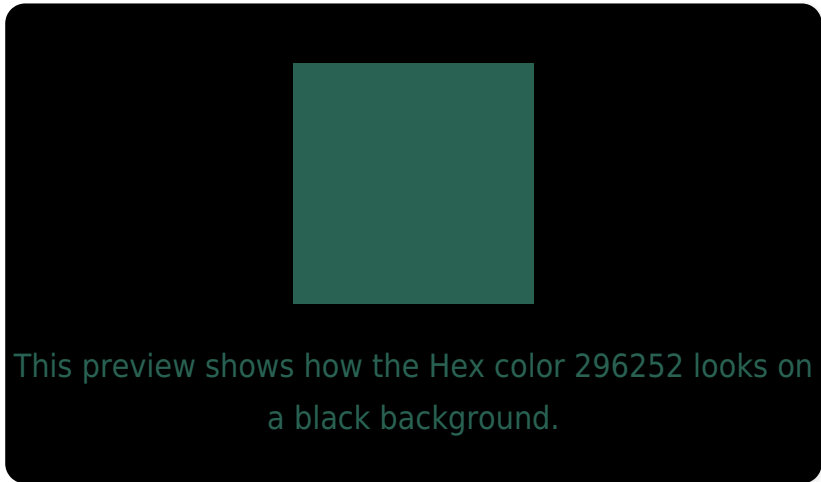
Large Text (above 18pt) WCAG AA ✓ Pass

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

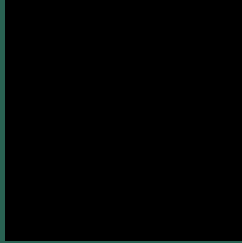
Any Text WCAG AA × Fail

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 296252 Background



This preview shows how black text looks on a background with the Hex color 296252.

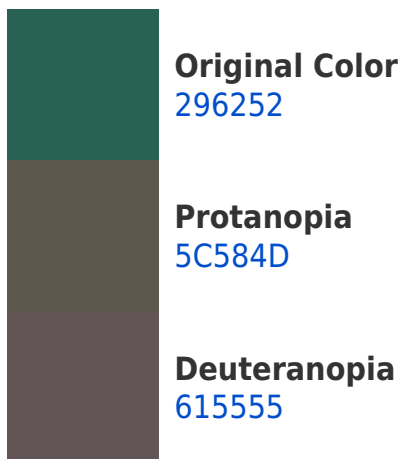


This preview shows how white text looks on a background with the Hex color 296252.

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
305F67

Trichromacy



Original Color
296252

Protanomaly
495C4F

Deuteranomaly
4D5A54

Tritanomaly
2D605F

Monochromacy



Original Color
296252

Achromatopsia
4F4F4F

Achromatomaly
415650

CSS Examples

Text

The CSS property to change the color of the text to Hex 296252 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 #296252 looks like.

```
.text, #text, p{  
    color:#296252  
}
```

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 #296252 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #296252
}
```

Border

The CSS property to change the border of an element to Hex 296252 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
#296252 }
```

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

```
.border{ border-color:#296252 }
```

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

Here you see how a box with a 4 pixel #296252 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #296252; -webkit-box-shadow:4px 4px  
4px 4px #296252; box-shadow:4px 4px 4px  
4px #296252 }
```

Background

The CSS property to change the background color of an element to Hex 296252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#296252 }
```

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

```
.background{ background-color:#296252 }
```

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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