

Converting Colors

Hex(296240)

Have a look what the booklet for
Hex(296240) contains.

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Color

Hex(296240)

Conversions

Conversions Part 1

Format	Color
Hex	296240
RGB	41, 98, 64
RGB Percent	16%, 38%, 25%
CMY	0.8392, 0.6157, 0.7490
CMYK	0.58, 0.00, 0.35, 0.62
HSL	144°, 41%, 27%
HSV	144°, 58%, 38%
XYZ	6.2075, 9.5769, 6.3719
YIQ	77.0810, -23.0580, -22.6580

Conversions

Conversions Part 2

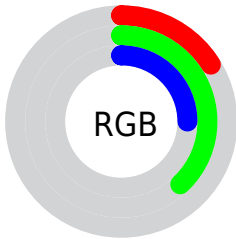
Format	Color
RYB	41, 82, 98
Decimal	2712128
CIELab	37.07, -27.40, 13.86
CIELCh	37, 30.707, 153.179
Yxy	9.5769, 0.2802, 0.4322
Android (android.graphics.Color)	4280902208 (0xFF296240)
YUV	77.0810, -6.4489, -31.6430
Hunter-Lab	30.9466, -18.3515, 9.4550

Details

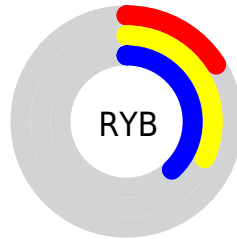
The Hex color **296240** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **62294B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **5C9570**, and **003315** is the 20% darker color. If you saturate the color by 10%, you get **1F623A**, and if you desaturate by 10%, it is **336246**.

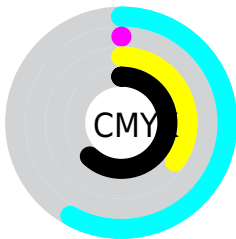
Distribution



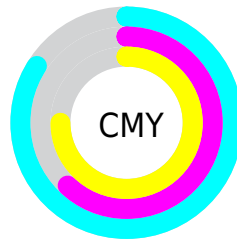
- Red (16%)
- Green (38%)
- Blue (25%)



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



- Cyan (58%)
- Magenta (0%)
- Yellow (35%)
- Black (62%)



- Cyan (84%)
- Magenta (62%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 296240 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 296240 by changing the saturation by 10% instead.

 296240

 296240

FFFFFF

 0D4A2A

 5C9570

 003315

 75B089

 001F00

 90CCA4

 000000

 ABE8BF

 C7FFDB

 E4FFF7

 296240

 296240

 1F623A

 336246

■ 156234

■ 3D624C

■ 0C622E

■ 466252

■ 026229

■ 506257

■ 006228

■ 5A625D

■ 646263

■ 6E6269

■ 77626F

■ 816275

Harmonies

Analogous

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



4A5E2C



296240



006459

Triad

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



296240



315988



84463D

Complementary

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



296240



62294B

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.



854256



296240



5D5081

Square

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



296240



006083



78476E



784E2B

Rectangle

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



296240



00646A



78476E



864445

Sweetspot

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



296240



6A8073



4B6229



334038



BFBFBF



404040

Same Dimension

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



296240



26804A



29625C



2C302E



00702D



00F061

Inverse Universe

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



62294B



80265B



62292F



302C2E



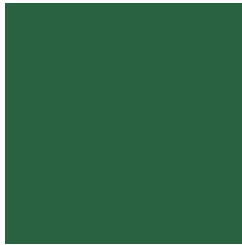
700043



F0008F

Previews

White Background



This preview shows how the Hex color 296240 looks on a white background.

Color Contrast Check

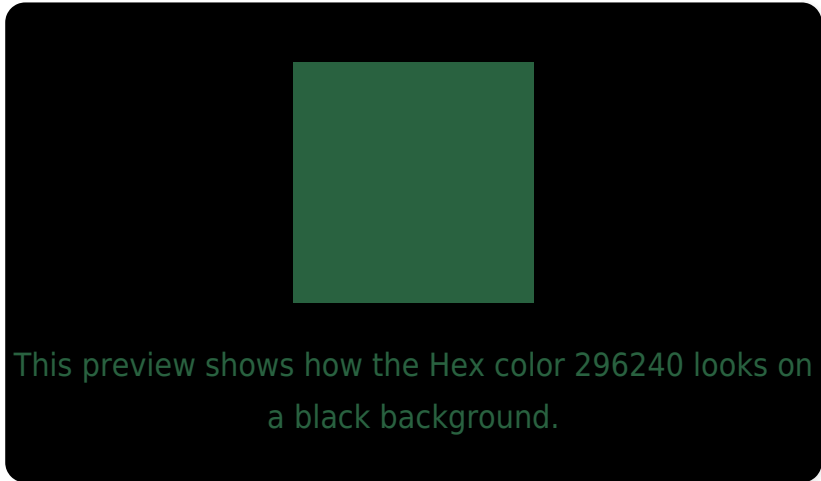
Large Text (above 18pt) WCAG AA ✓ Pass

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 296240 Background



This preview shows how black text looks on a background with the Hex color 296240.



This preview shows how white text looks on a background with the Hex color 296240.

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
296240

Protanopia
5E573B

Deuteranopia
665343



Tritanopia
345D65

Trichromacy



Original Color
296240

Protanomaly
4B5B3D

Deuteranomaly
505842

Tritanomaly
305F58

Monochromacy



Original Color
296240

Achromatopsia
4D4D4D

Achromatomaly
405548

CSS Examples

Text

The CSS property to change the color of the text to Hex 296240 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 #296240 looks like.

```
.text, #text, p{  
    color:#296240  
}
```

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 #296240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #296240
}
```

Border

The CSS property to change the border of an element to Hex 296240 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".

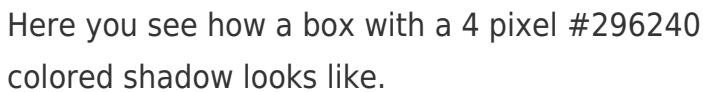
```
.border, #border, table{ border:4px solid
#296240 }
```

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

```
.border{ border-color:#296240 }
```

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

Here you see how a box with a 4 pixel #296240 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #296240; -webkit-box-shadow:4px 4px  
4px 4px #296240; box-shadow:4px 4px 4px  
4px #296240 }
```

Background

The CSS property to change the background color of an element to Hex 296240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#296240 }
```

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

```
.background{ background-color:#296240 }
```

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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