

Converting Colors

Hex(297458)

Have a look what the booklet for
Hex(297458) contains.

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Color

Hex(297458)

Conversions

Conversions Part 1

Format	Color
Hex	297458
RGB	41, 116, 88
RGB Percent	16%, 45%, 35%
CMY	0.8392, 0.5451, 0.6549
CMYK	0.65, 0.00, 0.24, 0.55
HSL	158°, 48%, 31%
HSV	158°, 65%, 45%
XYZ	8.9213, 13.6668, 11.4003
YIQ	90.3830, -35.7120, -24.6080

Conversions

Conversions Part 2

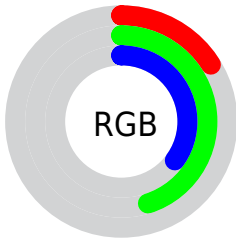
Format	Color
RYB	41, 87, 116
Decimal	2716760
CIELab	43.75, -30.32, 8.75
CIELCh	44, 31.557, 163.893
Yxy	13.6668, 0.2625, 0.4021
Android (android.graphics.Color)	4280906840 (0xFF297458)
YUV	90.3830, -1.1748, -43.3089
Hunter-Lab	36.9686, -21.6193, 7.5944

Details

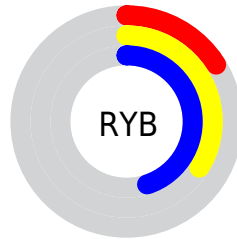
The Hex color **297458** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **742945**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **5FA98A**, and **00432B** is the 20% darker color. If you saturate the color by 10%, you get **1D7454**, and if you desaturate by 10%, it is **35745C**.

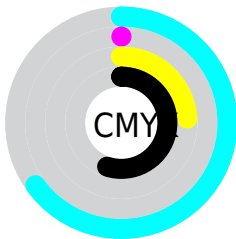
Distribution



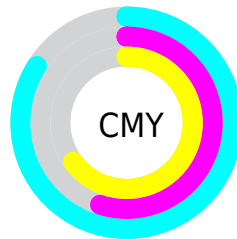
- Red (16%)
- Green (45%)
- Blue (35%)



- Red (16%)
- Yellow (34%)
- Blue (45%)



- Cyan (65%)
- Magenta (0%)
- Yellow (24%)
- Black (55%)



- Cyan (84%)
- Magenta (55%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 297458 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 297458 by changing the saturation by 10% instead.

 297458

 297458

FFFFFF

 055B41

 5FA98A

 00432B

 7AC4A4

 002C16

 95E0BF

 001600

 B1FDDB

 000000

 CDFFF8

 EAFFFF

 297458

 297458

 1D7454

 35745C

■ 12744F

■ 407461

■ 06744B

■ 4C7465

■ 007449

■ 577469

■ 63746E

■ 6F7472

■ 7A7476

■ 86747B

■ 91747F

Harmonies

Analogous

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



4F7041



297458



007573

Triad

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



297458



53669A



945844

Complementary

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



297458



742945

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.



99525C



297458



795C8D

Square

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



297458



176E99



915477



846135

Rectangle

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



297458



007484



915477



97554C

Sweetspot

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



297458



7A968C



467429



3B4D46



CCCCCC



4D4D4D

Same Dimension

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



297458



21966B



296B74



353B38



007A4D



00FA9D

Inverse Universe

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



742945



96214D



743229



3B3537



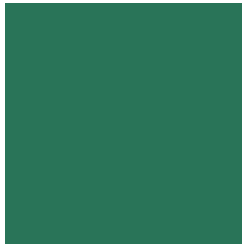
7A002E



FA005D

Previews

White Background



This preview shows how the Hex color 297458 looks on a white background.

Color Contrast Check

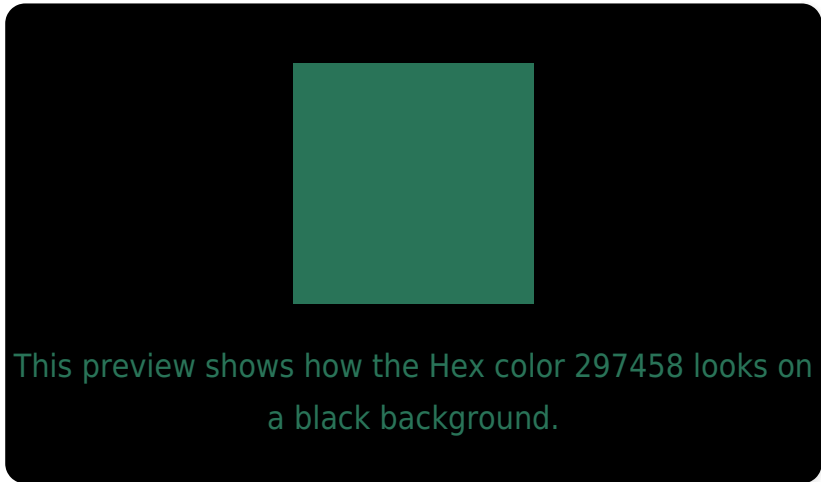
Large Text (above 18pt) WCAG AA ✓ Pass

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

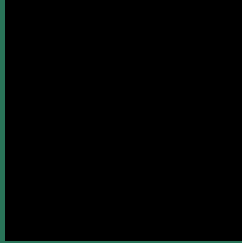
Any Text WCAG AA × Fail

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 297458 Background



This preview shows how black text looks on a background with the Hex color 297458.



This preview shows how white text looks on a background with the Hex color 297458.

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
297458

Protanopia
6D6752

Deuteranopia
75635C



Tritanopia
357079

Trichromacy



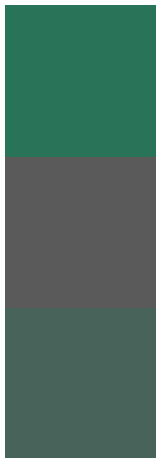
Original Color
297458

Protanomaly
546C54

Deuteranomaly
59695B

Tritanomaly
31716D

Monochromacy



Original Color
297458

Achromatopsia
5A5A5A

Achromatomaly
486359

CSS Examples

Text

The CSS property to change the color of the text to Hex 297458 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 #297458 looks like.

```
.text, #text, p{  
    color:#297458  
}
```

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 #297458 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #297458
}
```

Border

The CSS property to change the border of an element to Hex 297458 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
#297458 }
```

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

```
.border{ border-color:#297458 }
```

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

Here you see how a box with a 4 pixel #297458 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #297458; -webkit-box-shadow:4px 4px  
4px 4px #297458; box-shadow:4px 4px 4px  
4px #297458 }
```

Background

The CSS property to change the background color of an element to Hex 297458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#297458 }
```

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

```
.background{ background-color:#297458 }
```

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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