

Converting Colors

Hex(287372)

Have a look what the booklet for
Hex(287372) contains.

Hex(287372)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(287372)

Conversions

Conversions Part 1

Format	Color
Hex	287372
RGB	40, 115, 114
RGB Percent	16%, 45%, 45%
CMY	0.8431, 0.5490, 0.5529
CMYK	0.65, 0.00, 0.01, 0.55
HSL	179°, 48%, 30%
HSV	179°, 65%, 45%
XYZ	10.0431, 13.9275, 18.0785
YIQ	92.4610, -44.3790, -16.2110

Conversions

Conversions Part 2

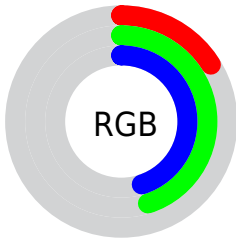
Format	Color
RYB	40, 78, 115
Decimal	2650994
CIELab	44.13, -22.79, -6.26
CIELCh	44, 23.637, 195.345
Yxy	13.9275, 0.2388, 0.3312
Android (android.graphics.Color)	4280841074 (0xFF287372)
YUV	92.4610, 10.6187, -46.0083
Hunter-Lab	37.3196, -17.2731, -2.5979

Details

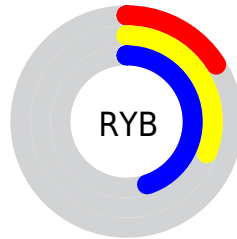
The Hex color **287372** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **732829**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **60A7A6**, and **004242** is the 20% darker color. If you saturate the color by 10%, you get **1D7372**, and if you desaturate by 10%, it is **337372**.

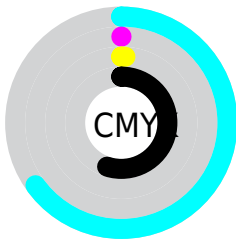
Distribution



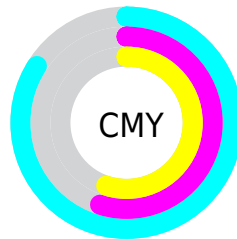
- Red (16%)
- Green (45%)
- Blue (45%)



- Red (16%)
- Yellow (31%)
- Blue (45%)



- Cyan (65%)
- Magenta (0%)
- Yellow (1%)
- Black (55%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 287372 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 287372 by changing the saturation by 10% instead.

 287372

 287372

FFFFFF

 005A5A

 60A7A6

 004242

 7BC3C1

 002C2C

 96DFDD

 001818

 B2FBF9

 000000

 CFFFFFF

 EFFFFFF

 287372

 287372

 1D7372

 337372

■ 117372

■ 3F7372

■ 057372

■ 4B7372

■ 007371

■ 567373

■ 627373

■ 6D7373

■ 797373

■ 847373

■ 907373

Harmonies

Analogous

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



3E725E



287372



257184

Triad

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



287372



776084



7E6443

Complementary

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



287372



732829

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.



8B5D4D



287372



895A73

Square

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



287372



5D678E



8F5A5F



6C6A42

Rectangle

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



287372



346F8B



8F5A5F



836245

Sweetspot

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



287372



789696



297328



3A4D4C



CCCCCC



4D4D4D

Same Dimension

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



287372



219695



284F73



353B3B



007A79



00FAF7

Inverse Universe

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



732829



962123



734C28



3B3535



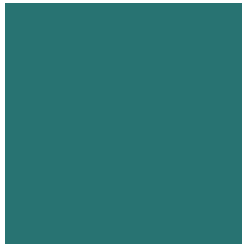
7A0002



FA0003

Previews

White Background



This preview shows how the Hex color 287372 looks on a white background.

Color Contrast Check

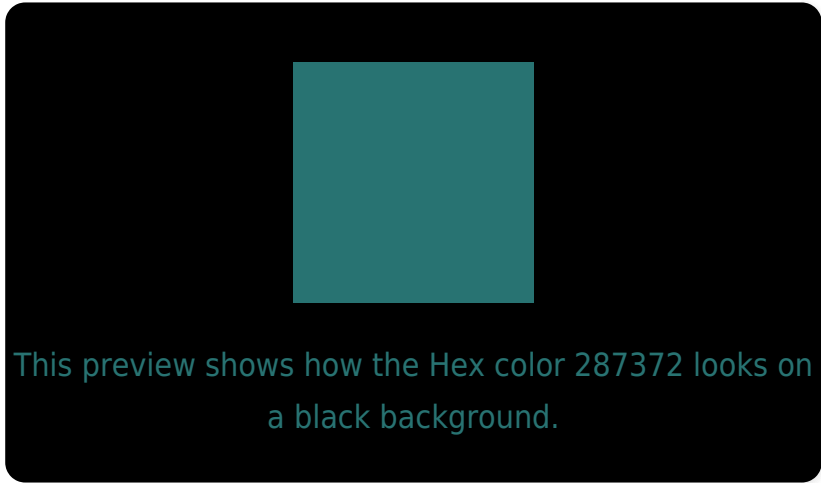
Large Text (above 18pt) WCAG AA ✓ Pass

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

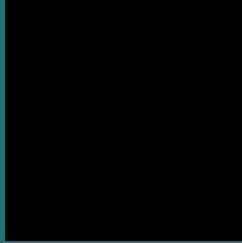
Any Text WCAG AA × Fail

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 287372 Background



This preview shows how black text looks on a background with the Hex color 287372.



This preview shows how white text looks on a background with the Hex color 287372.

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
287372

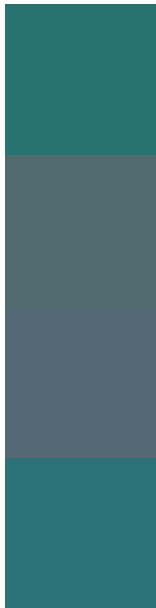
Protanopia
69676B

Deuteranopia
6C6575



Tritanopia
2C727B

Trichromacy



Original Color
287372

Protanomaly
516B6E

Deuteranomaly
536A74

Tritanomaly
2B7278

Monochromacy



Original Color
287372

Achromatopsia
5C5C5C

Achromatomaly
496464

CSS Examples

Text

The CSS property to change the color of the text to Hex 287372 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 #287372 looks like.

```
.text, #text, p{  
    color:#287372  
}
```

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 #287372 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #287372
}
```

Border

The CSS property to change the border of an element to Hex 287372 is called "border". The border property can be set on classes, ids or directly on the HTML element.

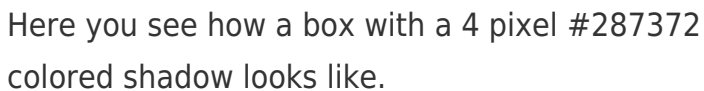
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#287372 }
```

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

```
.border{ border-color:#287372 }
```

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



Here you see how a box with a 4 pixel #287372 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #287372; -webkit-box-shadow:4px 4px  
4px 4px #287372; box-shadow:4px 4px 4px  
4px #287372 }
```

Background

The CSS property to change the background color of an element to Hex 287372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#287372 }
```

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

```
.background{ background-color:#287372 }
```

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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