

Converting Colors

Hex(288470)

Have a look what the booklet for
Hex(288470) contains.

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Color

Hex(288470)

Conversions

Conversions Part 1

Format	Color
Hex	288470
RGB	40, 132, 112
RGB Percent	16%, 52%, 44%
CMY	0.8431, 0.4824, 0.5608
CMYK	0.70, 0.00, 0.15, 0.48
HSL	167°, 53%, 34%
HSV	167°, 70%, 52%
XYZ	12.0510, 18.1235, 18.1923
YIQ	102.2120, -48.4120, -25.7240

Conversions

Conversions Part 2

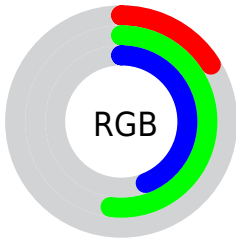
Format	Color
RYB	40, 92, 132
Decimal	2655344
CIELab	49.65, -31.77, 3.03
CIELCh	50, 31.911, 174.558
Yxy	18.1235, 0.2492, 0.3747
Android (android.graphics.Color)	4280845424 (0xFF288470)
YUV	102.2120, 4.8255, -54.5599
Hunter-Lab	42.5717, -23.9717, 4.4637

Details

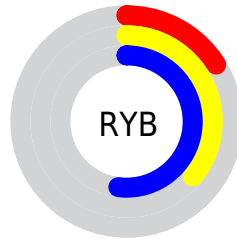
The Hex color **288470** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **84283C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **62BAA4**, and **005240** is the 20% darker color. If you saturate the color by 10%, you get **1B846D**, and if you desaturate by 10%, it is **358473**.

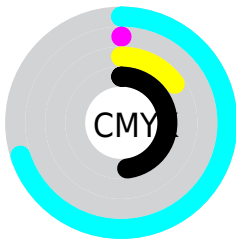
Distribution



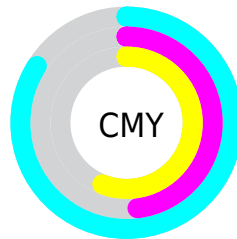
- Red (16%)
- Green (52%)
- Blue (44%)



- Red (16%)
- Yellow (36%)
- Blue (52%)



- Cyan (70%)
- Magenta (0%)
- Yellow (15%)
- Black (48%)



- Cyan (84%)
- Magenta (48%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 288470 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 288470 by changing the saturation by 10% instead.

 288470

 288470

FFFFFF

 006A58

 62BAA4

 005240

 7ED6BF

 003A2A

 9AF2DB

 002516

 B6FFF7

 000000

 D3FFFF

 F0FFFF

 288470

 288470

 1B846D

 358473

■ 0E846A

■ 428476

■ 008467

■ 508479

■ 5D847B

■ 6A847E

■ 778481

■ 848484

■ 928487

■ 9F848A

Harmonies

Analogous

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



518156



288470



00848C

Triad

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



288470



7271A7



A0694B

Complementary

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



288470



84283C

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.



AA6261



288470



936796

Square

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



288470



427AAC



A6617C



8C7340

Rectangle

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



288470



00829B



A6617C



A56651

Sweetspot

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



288470



87ABA3



3D8428



415752



D6D6D6



575757

Same Dimension

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



288470



1BAB8C



286B84



3C4241



008266



000302

Inverse Universe

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



84283C



AB1B3B



844128



423C3D



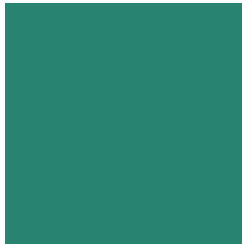
82001C



030001

Previews

White Background



This preview shows how the Hex color 288470 looks on a white background.

Color Contrast Check

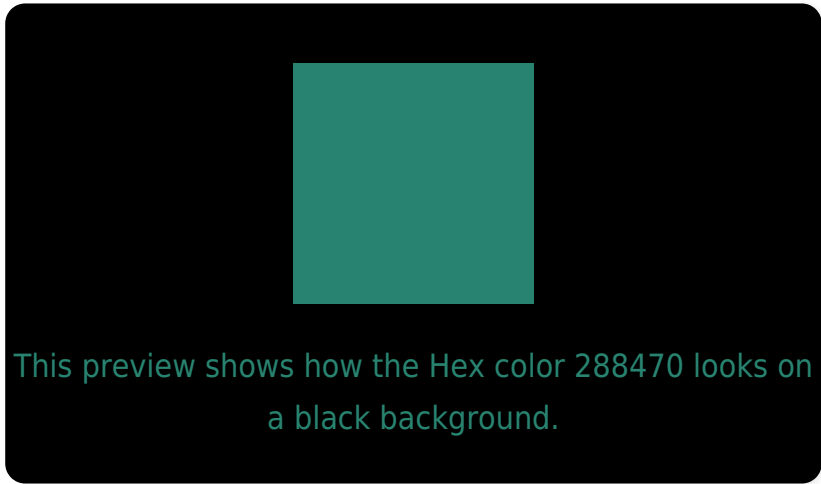
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 288470 Background



This preview shows how black text looks on a background with the Hex color 288470.

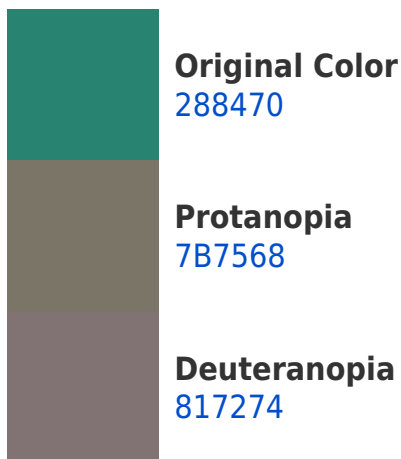


This preview shows how white text looks on a background with the Hex color 288470.

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
35808B

Trichromacy



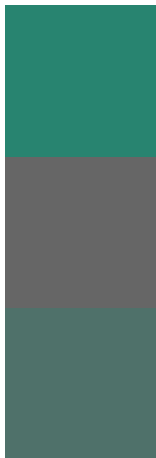
Original Color
288470

Protanomaly
5D7A6B

Deuteranomaly
617973

Tritanomaly
308181

Monochromacy



Original Color
288470

Achromatopsia
666666

Achromatomaly
4F716A

CSS Examples

Text

The CSS property to change the color of the text to Hex 288470 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 #288470 looks like.

```
.text, #text, p{  
    color:#288470  
}
```

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 #288470 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #288470
}
```

Border

The CSS property to change the border of an element to Hex 288470 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
#288470 }
```

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

```
.border{ border-color:#288470 }
```

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

Here you see how a box with a 4 pixel #288470 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #288470; -webkit-box-shadow:4px 4px  
4px 4px #288470; box-shadow:4px 4px 4px  
4px #288470 }
```

Background

The CSS property to change the background color of an element to Hex 288470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#288470 }
```

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

```
.background{ background-color:#288470 }
```

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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