

Converting Colors

Hex(028475)

Have a look what the booklet for
Hex(028475) contains.

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Color

Hex(028475)

Conversions

Conversions Part 1

Format	Color
Hex	028475
RGB	2, 132, 117
RGB Percent	1%, 52%, 46%
CMY	0.9922, 0.4824, 0.5412
CMYK	0.98, 0.00, 0.11, 0.48
HSL	173°, 97%, 26%
HSV	173°, 98%, 52%
XYZ	11.4872, 17.7998, 19.6599
YIQ	91.4200, -72.6650, -32.2250

Conversions

Conversions Part 2

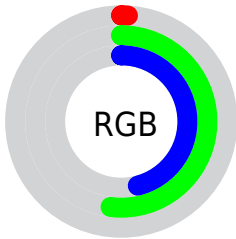
Format	Color
RYB	2, 71, 132
Decimal	164981
CIELab	49.25, -34.05, -0.54
CIELCh	49, 34.057, 180.904
Yxy	17.7998, 0.2347, 0.3637
Android (android.graphics.Color)	4278355061 (0xFF028475)
YUV	91.4200, 12.6109, -78.4213
Hunter-Lab	42.1898, -25.2312, 1.9045

Details

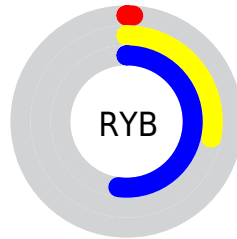
The Hex color **028475** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **840211**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **52BAA9**, and **005245** is the 20% darker color. If you saturate the color by 10%, you get **008475**, and if you desaturate by 10%, it is **0F8477**.

Distribution



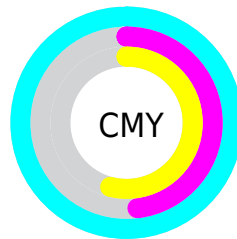
- Red (1%)
- Green (52%)
- Blue (46%)



- Red (1%)
- Yellow (28%)
- Blue (52%)



- Cyan (98%)
- Magenta (0%)
- Yellow (11%)
- Black (48%)



- Cyan (99%)
- Magenta (48%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 028475 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 028475 by changing the saturation by 10% instead.

 028475

 028475

FFFFFF

 006A5C

 52BAA9

 005245

 70D6C4

 003A2F

 8CF2E0

 00251A

 A9FFFD

 000000

 C6FFFF

 E4FFFF

 028475

 028475

 008475

 0F8477

■ 1C8478

■ 2A847A

■ 37847B

■ 44847D

■ 51847E

■ 5E8480

■ 6C8481

■ 798483

Harmonies

Analogous

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



448258



028475



008392

Triad

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



028475



796DA7



9D6943

Complementary

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



028475



840211

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.



AB6059



028475



9A6392

Square

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



028475



4878AF



AA5E75



86743A

Rectangle

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



028475



0081A1



AA5E75



A36649

Sweetspot

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



028475



78ABA5



118402



375753



D6D6D6



575757

Same Dimension

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



028475



00AB97



025284



3C4242



008273



000302

Inverse Universe

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



840211



AB0014



843402



423C3C



82000F



030000

Previews

White Background



This preview shows how the Hex color 028475 looks on a white background.

Color Contrast Check

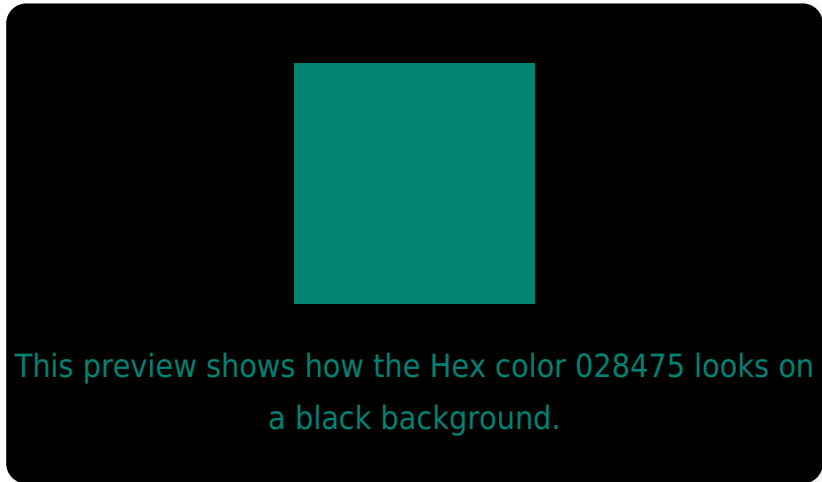
Large Text (above 18pt) WCAG AA ✓ Pass

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

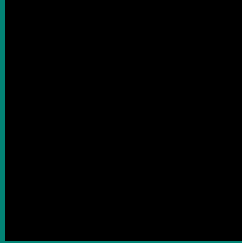
Any Text WCAG AA ✓ Pass

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 028475 Background



This preview shows how black text looks on a background with the Hex color 028475.

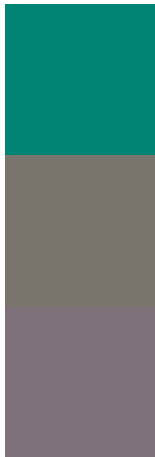


This preview shows how white text looks on a background with the Hex color 028475.

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
028475

Protanopia
79746C

Deuteranopia
7E7179



Tritanopia
23818B

Trichromacy



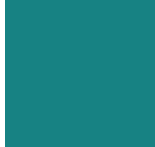
Original Color
028475



Protanomaly
4E7A6F



Deuteranomaly
517878



Tritanomaly
178283

Monochromacy



Original Color
028475



Achromatopsia
5B5B5B



Achromatomaly
3B6A64

CSS Examples

Text

The CSS property to change the color of the text to Hex 028475 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 #028475 looks like.

```
.text, #text, p{  
    color:#028475  
}
```

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 #028475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #028475
}
```

Border

The CSS property to change the border of an element to Hex 028475 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
#028475 }
```

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

```
.border{ border-color:#028475 }
```

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

Here you see how a box with a 4 pixel #028475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #028475; -webkit-box-shadow:4px 4px  
4px 4px #028475; box-shadow:4px 4px 4px  
4px #028475 }
```

Background

The CSS property to change the background color of an element to Hex 028475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#028475 }
```

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

```
.background{ background-color:#028475 }
```

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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