

Converting Colors

Hex(027287)

Have a look what the booklet for
Hex(027287) contains.

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Color

Hex(027287)

Conversions

Conversions Part 1

Format	Color
Hex	027287
RGB	2, 114, 135
RGB Percent	1%, 45%, 53%
CMY	0.9922, 0.5529, 0.4706
CMYK	0.99, 0.16, 0.00, 0.47
HSL	189°, 97%, 27%
HSV	189°, 99%, 53%
XYZ	10.4155, 13.7968, 25.0358
YIQ	82.9060, -73.4930, -17.2130

Conversions

Conversions Part 2

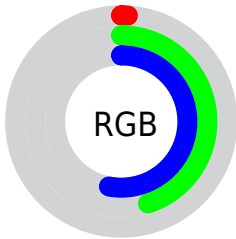
Format	Color
RYB	2, 63, 135
Decimal	160391
CIELab	43.94, -19.09, -19.18
CIELCh	44, 27.065, 225.130
Yxy	13.7968, 0.2115, 0.2801
Android (android.graphics.Color)	4278350471 (0xFF027287)
YUV	82.9060, 25.6823, -70.9546
Hunter-Lab	37.1440, -14.9491, -13.9617

Details

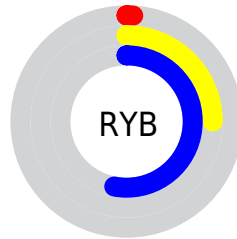
The Hex color **027287** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **871702**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **52A6BC**, and **004255** is the 20% darker color. If you saturate the color by 10%, you get **007287**, and if you desaturate by 10%, it is **0F7487**.

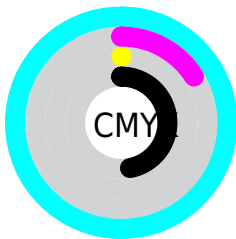
Distribution



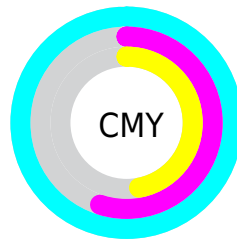
- Red (1%)
- Green (45%)
- Blue (53%)



- Red (1%)
- Yellow (25%)
- Blue (53%)



- Cyan (99%)
- Magenta (16%)
- Yellow (0%)
- Black (47%)



- Cyan (99%)
- Magenta (55%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 027287 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 027287 by changing the saturation by 10% instead.

 027287

 027287


FFFFFF

 00596E

 52A6BC

 004255

 6FC1D8

 002B3E

 8BDDF5

 001828

 A8FAFF

 000113

 C5FFFF

 000000

 E3FFFF

 027287

 027287

 007287

 0F7487

■ 1D7687

■ 2A7887

■ 387B87

■ 457D87

■ 537F87

■ 608187

■ 6E8387

■ 7B8587

Harmonies

Analogous

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



107473



027287



326D93

Triad

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



027287



8D5874



6B6A3C

Complementary

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



027287



871702

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.



80633C



027287



94575D

Square

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



027287



795E88



8F5B49



527047

Rectangle

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



027287



4D6994



8F5B49



73683B

Sweetspot

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



027287



7BA8B0



028716



395459



D9D9D9



595959

Same Dimension

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



027287



0094B0



023187



3C4142



006E82



000203

Inverse Universe

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



870272



B00094



875802



423C41



82006E



030002

Previews

White Background



This preview shows how the Hex color 027287 looks on a white background.

Color Contrast Check

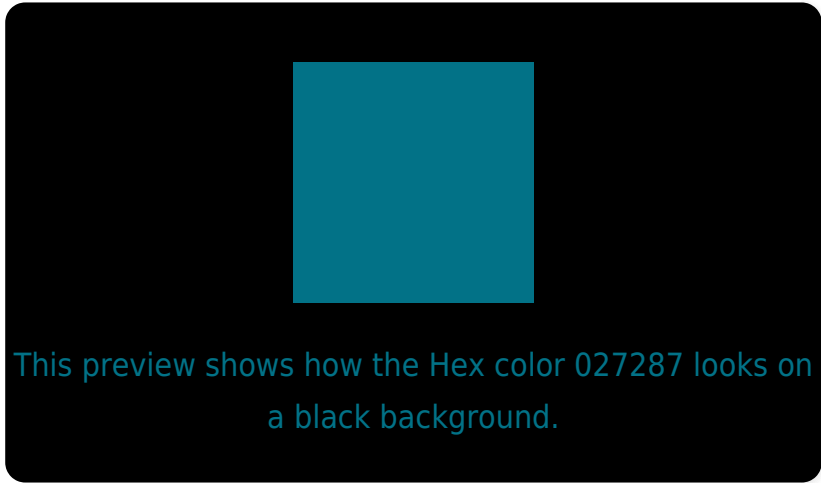
Large Text (above 18pt) WCAG AA ✓ Pass

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

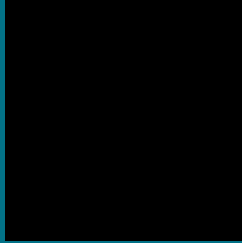
Any Text WCAG AA × Fail

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 027287 Background



This preview shows how black text looks on a background with the Hex color 027287.

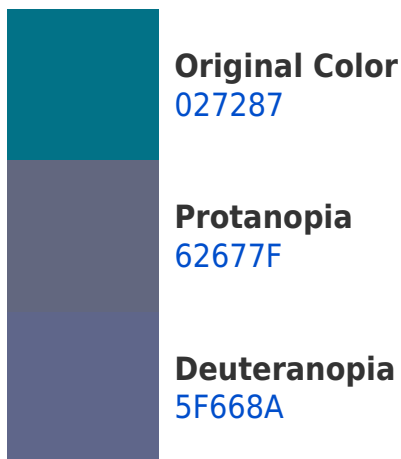


This preview shows how white text looks on a background with the Hex color 027287.

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](#).

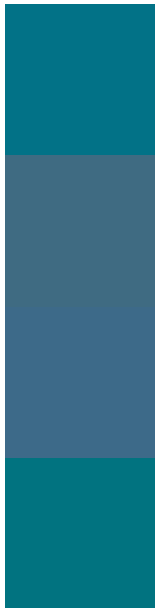
Dichromacy





Tritanopia
00737C

Trichromacy



Original Color
027287

Protanomaly
3F6B82

Deuteranomaly
3D6A89

Tritanomaly
017380

Monochromacy



Original Color
027287

Achromatopsia
535353

Achromatomaly
365E66

CSS Examples

Text

The CSS property to change the color of the text to Hex 027287 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 #027287 looks like.

```
.text, #text, p{  
    color:#027287  
}
```

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 #027287 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #027287
}
```

Border

The CSS property to change the border of an element to Hex 027287 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
#027287 }
```

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

```
.border{ border-color:#027287 }
```

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

Here you see how a box with a 4 pixel #027287 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #027287; -webkit-box-shadow:4px 4px  
4px 4px #027287; box-shadow:4px 4px 4px  
4px #027287 }
```

Background

The CSS property to change the background color of an element to Hex 027287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#027287 }
```

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

```
.background{ background-color:#027287 }
```

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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