

Converting Colors

Hex(286171)

Have a look what the booklet for
Hex(286171) contains.

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Color

Hex(286171)

Conversions

Conversions Part 1

Format	Color
Hex	286171
RGB	40, 97, 113
RGB Percent	16%, 38%, 44%
CMY	0.8431, 0.6196, 0.5569
CMYK	0.65, 0.14, 0.00, 0.56
HSL	193°, 48%, 30%
HSV	193°, 65%, 44%
XYZ	8.1304, 10.1928, 17.1617
YIQ	81.7810, -39.1080, -7.1080

Conversions

Conversions Part 2

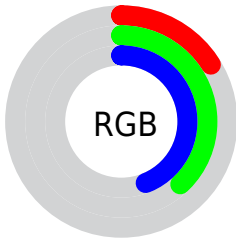
Format	Color
RYB	40, 72, 113
Decimal	2646385
CIELab	38.19, -13.25, -14.61
CIELCh	38, 19.727, 227.786
Yxy	10.1928, 0.2291, 0.2872
Android (android.graphics.Color)	4280836465 (0xFF286171)
YUV	81.7810, 15.3910, -36.6419
Hunter-Lab	31.9261, -10.4133, -9.5227

Details

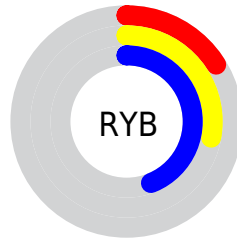
The Hex color **286171** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **713828**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **5E94A5**, and **003241** is the 20% darker color. If you saturate the color by 10%, you get **1D5F71**, and if you desaturate by 10%, it is **336371**.

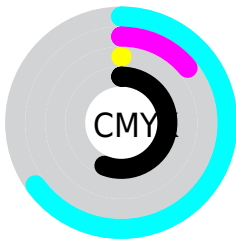
Distribution



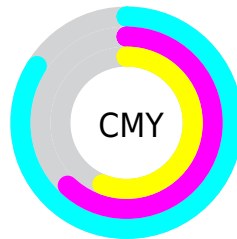
- Red (16%)
- Green (38%)
- Blue (44%)



- Red (16%)
- Yellow (28%)
- Blue (44%)



- Cyan (65%)
- Magenta (14%)
- Yellow (0%)
- Black (56%)



- Cyan (84%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 286171 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 286171 by changing the saturation by 10% instead.

■ 286171

■ 286171

FFFFFF

■ 044959

■ 5E94A5

■ 003241

■ 78AEC0

■ 001E2B

■ 93CADC

■ 000117

■ AFE6F8

■ 000000

■ CBFFFF

■ E8FFFF

■ 286171

■ 286171

■ 1D5F71

■ 336371

■ 115C71

■ 3F6671

■ 065A71

■ 4A6871

■ 005871

■ 556B71

■ 616D71

■ 6C7071

■ 777271

■ 827571

■ 8E7771

Harmonies

Analogous

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



276363



286171



3B5D79

Triad

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



286171



754F61



5B5C3B

Complementary

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



286171



713828

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.



6B573B



286171



7A4E51

Square

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



286171



68536F



765143



496044

Rectangle

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



286171



4B5A79



765143



615A3A

Sweetspot

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



286171



788E94



287138



39464A



C9C9C9



4A4A4A

Same Dimension

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



286171



217B94



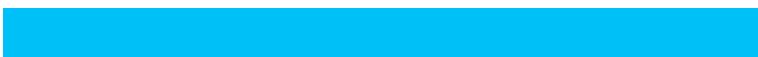
283D71



323738



005E78



00C1F7

Inverse Universe

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



712861



94217B



715C28



383237



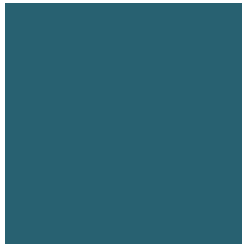
78005E



F700C1

Previews

White Background



This preview shows how the Hex color 286171 looks on a white background.

Color Contrast Check

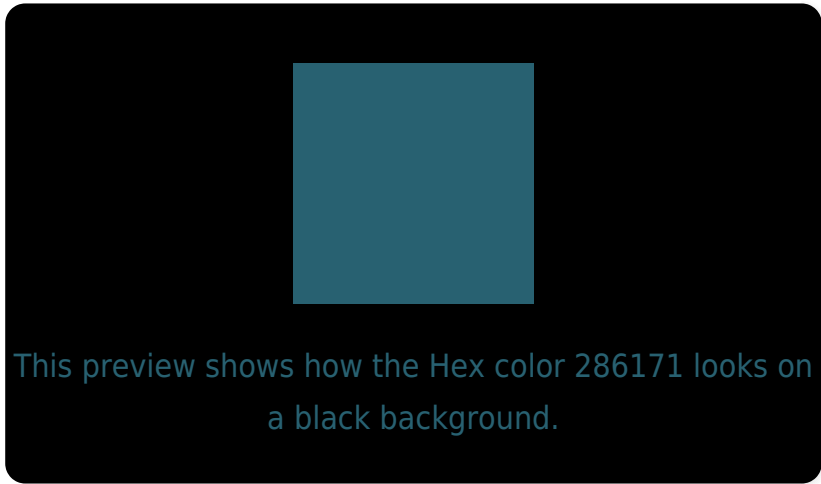
Large Text (above 18pt) WCAG AA ✓ Pass

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

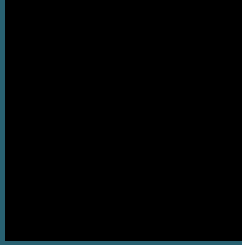
Any Text WCAG AA × Fail

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 286171 Background



This preview shows how black text looks on a background with the Hex color 286171.

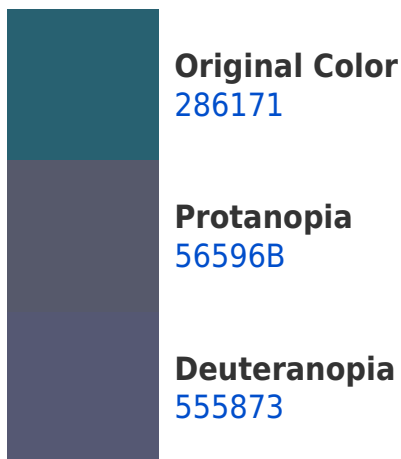



This preview shows how white text looks on a background with the Hex color 286171.

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](#).

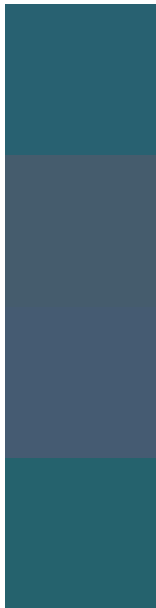
Dichromacy





Tritanopia
24626A

Trichromacy



Original Color
286171

Protanomaly
455C6D

Deuteranomaly
455B72

Tritanomaly
25626D

Monochromacy



Original Color
286171

Achromatopsia
525252

Achromatomaly
43575D

CSS Examples

Text

The CSS property to change the color of the text to Hex 286171 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 #286171 looks like.

```
.text, #text, p{  
    color:#286171  
}
```

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 #286171 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #286171  
}
```

Border

The CSS property to change the border of an element to Hex 286171 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  
#286171 }
```

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

```
.border{ border-color:#286171 }
```

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

Here you see how a box with a 4 pixel #286171 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #286171; -webkit-box-shadow:4px 4px  
4px 4px #286171; box-shadow:4px 4px 4px  
4px #286171 }
```

Background

The CSS property to change the background color of an element to Hex 286171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#286171 }
```

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

```
.background{ background-color:#286171 }
```

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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