

Converting Colors

Hex(28176F)

Have a look what the booklet for
Hex(28176F) contains.

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Color

Hex(28176F)

Conversions

Conversions Part 1

Format	Color
Hex	28176F
RGB	40, 23, 111
RGB Percent	16%, 9%, 44%
CMY	0.8431, 0.9098, 0.5647
CMYK	0.64, 0.79, 0.00, 0.56
HSL	252°, 66%, 26%
HSV	252°, 79%, 44%
XYZ	4.0507, 2.2116, 15.2523
YIQ	38.1150, -18.1160, 30.9720

Conversions

Conversions Part 2

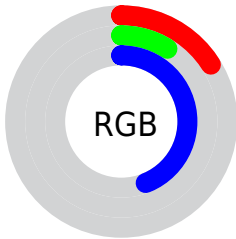
Format	Color
R_{YB}	40, 23, 111
Decimal	2627439
CIE _{Lab}	16.56, 34.30, -47.73
CIE _{LCh}	17, 58.778, 305.703
Yxy	2.2116, 0.1883, 0.1028
Android (android.graphics.Color)	4280817519 (0xFF28176F)
YUV	38.1150, 35.9323, 1.6531
Hunter-Lab	14.8715, 22.5950, -50.3983

Details

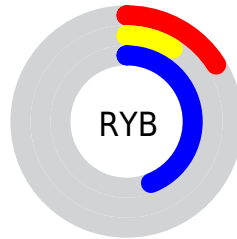
The Hex color **28176F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5E6F17**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **5F45A4**, and **00003E** is the 20% darker color. If you saturate the color by 10%, you get **1F0C6F**, and if you desaturate by 10%, it is **31226F**.

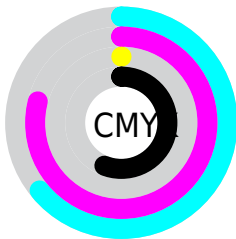
Distribution



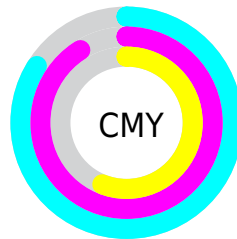
- Red (16%)
- Green (9%)
- Blue (44%)



- Red (16%)
- Yellow (9%)
- Blue (44%)



- Cyan (64%)
- Magenta (79%)
- Yellow (0%)
- Black (56%)



- Cyan (84%)
- Magenta (91%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28176F 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 28176F by changing the saturation by 10% instead.

■ 28176F

■ 28176F

FFFFFF

■ 030256

■ 5F45A4

■ 00003E

■ 7A5DBF

■ 000327

■ 9676DB

■ 000111

■ B290F8

■ 000000

■ CEAFF

■ EBC6FF

■ FFE2FF

■ 28176F

■ 28176F

■ 1F0C6F

■ 31226F

■ 16016F

■ 3A2D6F

■ 15006F

■ 43386F

■ 4C436F

■ 554F6F

■ 5E5A6F

■ 67656F

■ 70706F

■ 797B6F

Harmonies

Analogous

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



002E7F



28176F



5D004C

Triad

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



28176F



4E1700



003830

Complementary

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



28176F



5E6F17

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.



003600



28176F



2D2A00

Square

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



28176F



650000



003300



00385A

Rectangle

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



28176F



6A0031



003300



003821

Sweetspot

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



28176F



756E91



175F6F



39354A



C9C9C9



4A4A4A

Same Dimension

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



28176F



220791



53176F



343238



170078



3000F7

Inverse Universe

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



6F175E



910777



336F17



383237



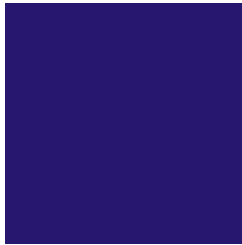
780061



F700C8

Previews

White Background



This preview shows how the Hex color 28176F looks on a white background.

Color Contrast Check

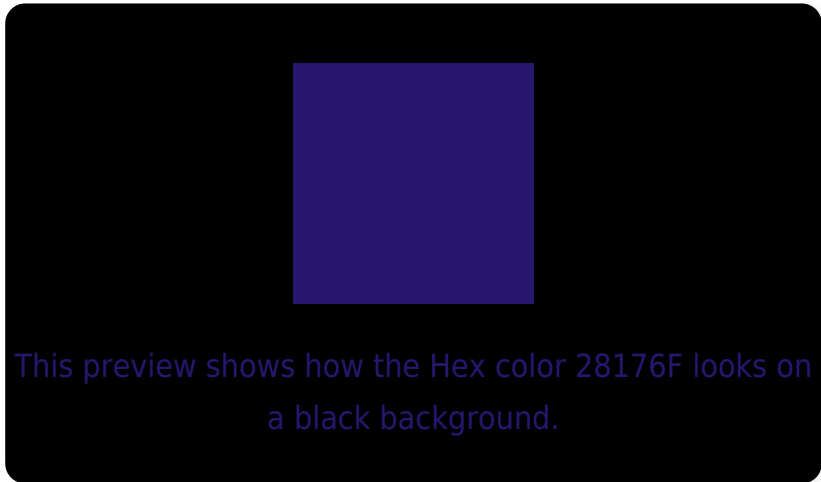
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

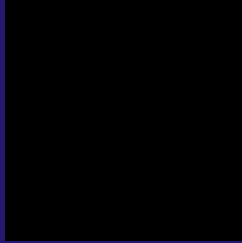
Any Text WCAG AA × Fail

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 28176F Background



This preview shows how black text looks on a background with the Hex color 28176F.



This preview shows how white text looks on a background with the Hex color 28176F.

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
28176F

Protanopia
002955

Deuteranopia
002B49

Trichromacy



Original Color
28176F

Protanomaly
0F225E

Deuteranomaly
0F2457

Tritanomaly
0F2648

Monochromacy



Original Color
28176F

Achromatopsia
262626

Achromatomaly
272141

CSS Examples

Text

The CSS property to change the color of the text to Hex 28176F 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 #28176F looks like.

```
.text, #text, p{  
    color:#28176F  
}
```

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 #28176F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28176F
}
```

Border

The CSS property to change the border of an element to Hex 28176F is called "border". The border property can be set on classes, ids or directly on the HTML element.

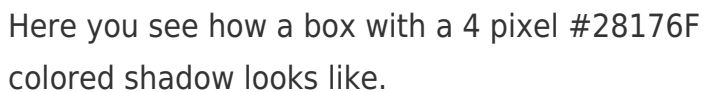
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#28176F }
```

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

```
.border{ border-color:#28176F }
```

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



Here you see how a box with a 4 pixel #28176F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28176F; -webkit-box-shadow:4px 4px  
4px 4px #28176F; box-shadow:4px 4px 4px  
4px #28176F }
```

Background

The CSS property to change the background color of an element to Hex 28176F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28176F }
```

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

```
.background{ background-color:#28176F }
```

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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