

Converting Colors

Hex(28288B)

Have a look what the booklet for
Hex(28288B) contains.

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Color

Hex(28288B)

Conversions

Conversions Part 1

Format	Color
Hex	28288B
RGB	40, 40, 139
RGB Percent	16%, 16%, 55%
CMY	0.8431, 0.8431, 0.4549
CMYK	0.71, 0.71, 0.00, 0.45
HSL	240°, 55%, 35%
HSV	240°, 71%, 55%
XYZ	6.2941, 3.8328, 24.8342
YIQ	51.2860, -31.7790, 30.7890

Conversions

Conversions Part 2

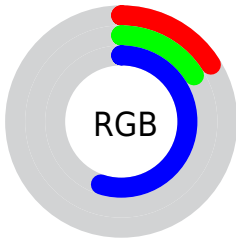
Format	Color
R_{YB}	40, 40, 139
Decimal	2631819
CIE _{Lab}	23.11, 33.71, -54.76
CIE _{LCh}	23, 64.306, 301.611
Yxy	3.8328, 0.1800, 0.1096
Android (android.graphics.Color)	4280821899 (0xFF28288B)
YUV	51.2860, 43.2430, -9.8978
Hunter-Lab	19.5775, 23.1263, -61.5055

Details

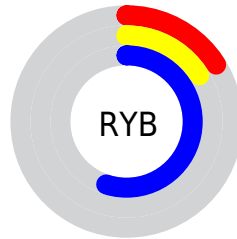
The Hex color **28288B** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8B8B28**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **6456C2**, and **000058** is the 20% darker color. If you saturate the color by 10%, you get **1A1A8B**, and if you desaturate by 10%, it is **36368B**.

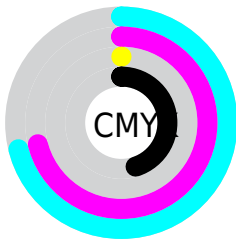
Distribution



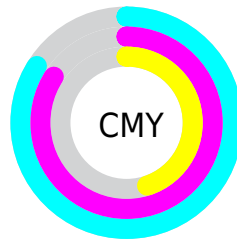
- Red (16%)
- Green (16%)
- Blue (55%)



- Red (16%)
- Yellow (16%)
- Blue (55%)



- Cyan (71%)
- Magenta (71%)
- Yellow (0%)
- Black (45%)



- Cyan (84%)
- Magenta (84%)
- Yellow (45%)
- Black (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28288B 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 28288B by changing the saturation by 10% instead.

■ 28288B

■ 28288B

FFFFFF

■ 001371

■ 6456C2

■ 000058

■ 806FDE

■ 00033F

■ 9C88FB

■ 000329

■ B9A3FF

■ 000112

■ D6BEFF

■ 000000

■ F4DAFF

■ FFF6FF

■ 28288B

■ 28288B

■ 1A1A8B

■ 36368B

■ 0C0C8B

■ 44448B

■ 00008B

■ 52528B

■ 60608B

■ 6D6D8B

■ 7B7B8B

■ 89898B

■ 97978B

■ A5A58B

Harmonies

Analogous

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



003E9A



28288B



6F0066

Triad

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



28288B



671F00



004839

Complementary

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



28288B



8B8B28

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.



004600



28288B



433700

Square

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



28288B



7F0005



054200



004969

Rectangle

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



28288B



810047



054200



004828

Sweetspot

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



28288B



8F8FB5



288B8B



45455C



DBDBDB



5C5C5C

Same Dimension

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



28288B



1B1BB5



5A288B



3E3E45



000085



000005

Inverse Universe

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



8B288B



B51BB5



5A8B28



453E45



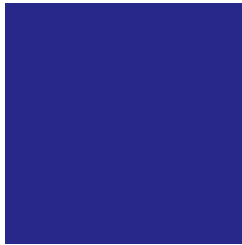
850085



050005

Previews

White Background



This preview shows how the Hex color 28288B looks on a white background.

Color Contrast Check

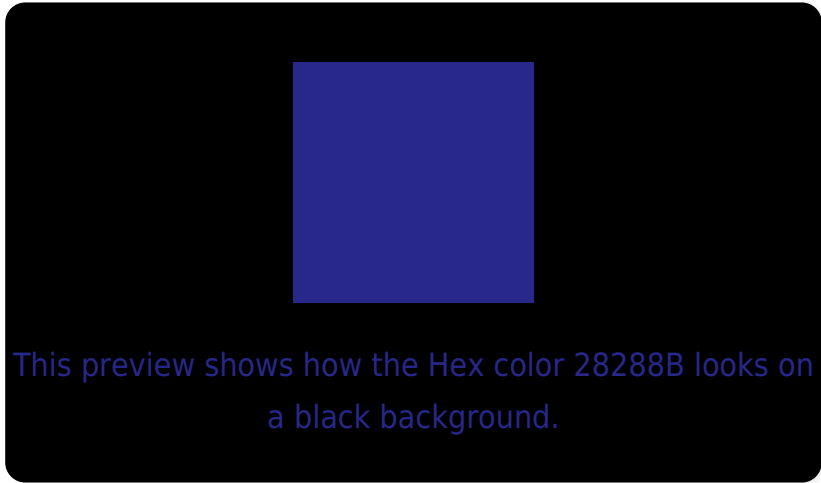
Large Text (above 18pt) WCAG AA ✓ Pass

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

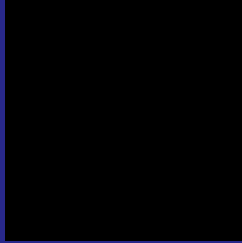
Any Text WCAG AA × Fail

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 28288B Background



This preview shows how black text looks on a background with the Hex color 28288B.



This preview shows how white text looks on a background with the Hex color 28288B.

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
28288B

Protanopia
003571

Deuteranopia
003960



Tritanopia
003E42

Trichromacy



Original Color
28288B

Protanomaly
0F307A

Deuteranomaly
0F3370

Tritanomaly
0F365D

Monochromacy



Original Color
28288B

Achromatopsia
333333

Achromatomaly
2F2F53

CSS Examples

Text

The CSS property to change the color of the text to Hex 28288B 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 #28288B looks like.

```
.text, #text, p{  
    color:#28288B  
}
```

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 #28288B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28288B
}
```

Border

The CSS property to change the border of an element to Hex 28288B 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".

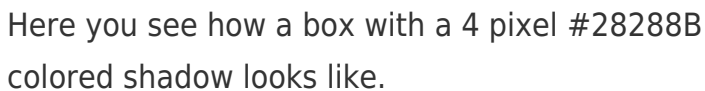
```
.border, #border, table{ border:4px solid
#28288B }
```

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

```
.border{ border-color:#28288B }
```

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

Here you see how a box with a 4 pixel #28288B colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28288B; -webkit-box-shadow:4px 4px  
4px 4px #28288B; box-shadow:4px 4px 4px  
4px #28288B }
```

Background

The CSS property to change the background color of an element to Hex 28288B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28288B }
```

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

```
.background{ background-color:#28288B }
```

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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