

Converting Colors

Hex(2D8396)

Have a look what the booklet for
Hex(2D8396) contains.

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Color

Hex(2D8396)

Conversions

Conversions Part 1

Format	Color
Hex	2D8396
RGB	45, 131, 150
RGB Percent	18%, 51%, 59%
CMY	0.8235, 0.4863, 0.4118
CMYK	0.70, 0.13, 0.00, 0.41
HSL	191°, 54%, 38%
HSV	191°, 70%, 59%
XYZ	14.7035, 18.9925, 31.7451
YIQ	107.4520, -57.3550, -12.3230

Conversions

Conversions Part 2

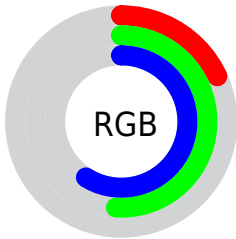
Format	Color
RYB	45, 92, 150
Decimal	2982806
CIELab	50.68, -19.00, -17.66
CIElCh	51, 25.935, 222.902
Yxy	18.9925, 0.2247, 0.2902
Android (android.graphics.Color)	4281172886 (0xFF2D8396)
YUV	107.4520, 20.9762, -54.7704
Hunter-Lab	43.5804, -16.0419, -12.6822

Details

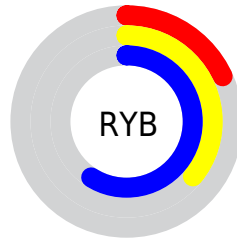
The Hex color **2D8396** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **96402D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **69B8CC**, and **005163** is the 20% darker color. If you saturate the color by 10%, you get **1E8096**, and if you desaturate by 10%, it is **3C8696**.

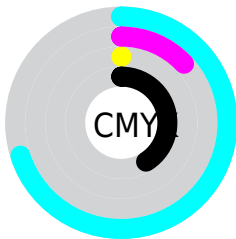
Distribution



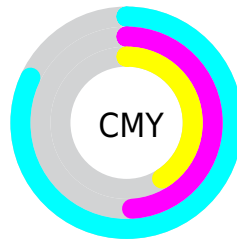
- Red (18%)
- Green (51%)
- Blue (59%)



- Red (18%)
- Yellow (36%)
- Blue (59%)



- Cyan (70%)
- Magenta (13%)
- Yellow (0%)
- Black (41%)



- Cyan (82%)
- Magenta (49%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D8396 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 2D8396 by changing the saturation by 10% instead.

■ 2D8396

■ 2D8396

FFFFFF

■ 006A7C

■ 69B8CC

■ 005163

■ 85D4E8

■ 003A4B

■ A2F0FF

■ 002435

■ BEFFFF

■ 000720

■ DCFFFF

■ 000004

■ F9FFFF

■ 000000

■ 2D8396

■ 2D8396

■ 1E8096

■ 3C8696

0F7E96

4B8896

007B96

5A8B96

698E96

789196

879396

969696

A59996

B49B96

Harmonies

Analogous

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



328582



2D8396



477EA2

Triad

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



2D8396



9C6986



7E7A4D

Complementary

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



2D8396



96402D

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.



93734F



2D8396



A46870

Square

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



2D8396



887099



A16C5C



668058

Rectangle

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



2D8396



5E7AA4



A16C5C



86784C

Sweetspot

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



2D8396



99BAC2



2D963F



495D61



E0E0E0



616161

Same Dimension

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



2D8396



1FA4C2



2D5096



43494A



00718A



00080A

Inverse Universe

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



962D83



C21FA4



96732D



4A4349



8A0071



0A0008

Previews

White Background



This preview shows how the Hex color 2D8396 looks on a white background.

Color Contrast Check

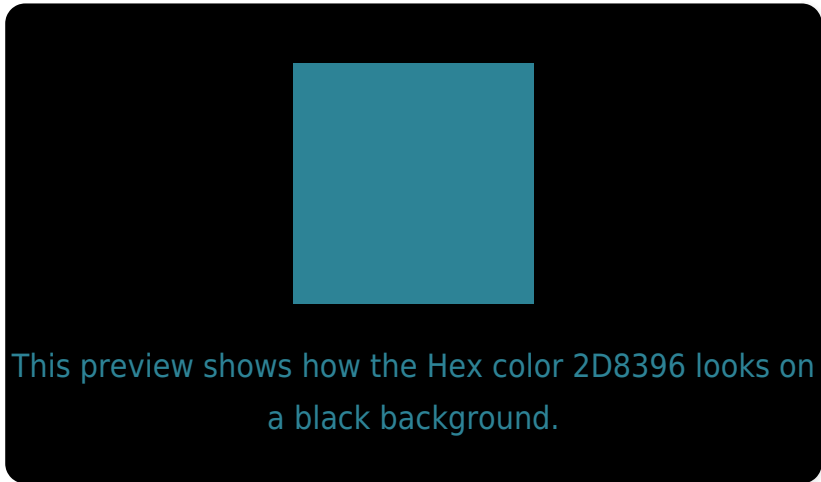
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

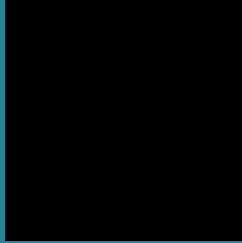
Any Text WCAG AA ✓ Pass

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 2D8396 Background



This preview shows how black text looks on a background with the Hex color 2D8396.

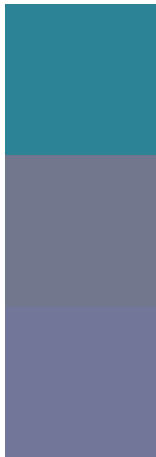


This preview shows how white text looks on a background with the Hex color 2D8396.

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
2D8396

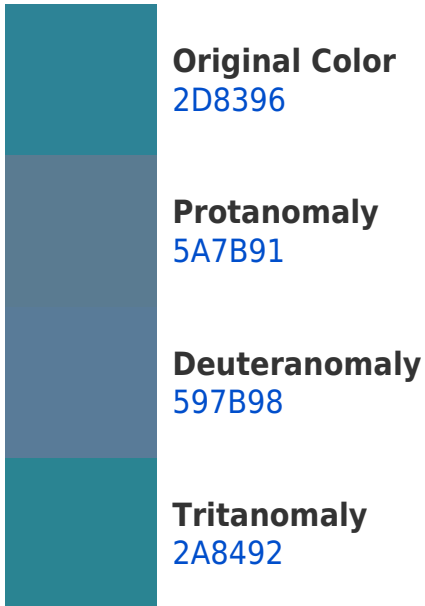
Protanopia
73778E

Deuteranopia
727699

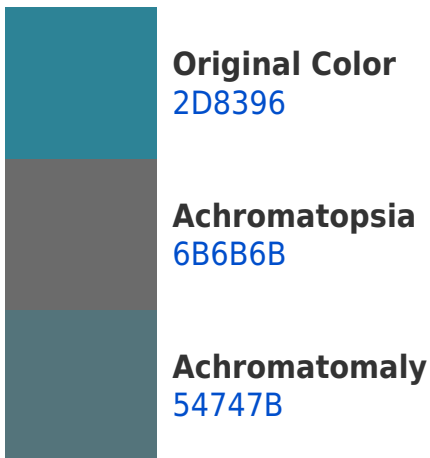


Tritanopia
28848F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D8396 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 #2D8396 looks like.

```
.text, #text, p{  
    color:#2D8396  
}
```

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 #2D8396 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D8396
}
```

Border

The CSS property to change the border of an element to Hex 2D8396 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
#2D8396 }
```

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

```
.border{ border-color:#2D8396 }
```

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

Here you see how a box with a 4 pixel #2D8396 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D8396; -webkit-box-shadow:4px 4px  
4px 4px #2D8396; box-shadow:4px 4px 4px  
4px #2D8396 }
```

Background

The CSS property to change the background color of an element to Hex 2D8396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D8396 }
```

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

```
.background{ background-color:#2D8396 }
```

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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