

Converting Colors

Hex(2D3886)

Have a look what the booklet for
Hex(2D3886) contains.

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Color

Hex(2D3886)

Conversions

Conversions Part 1

Format	Color
Hex	2D3886
RGB	45, 56, 134
RGB Percent	18%, 22%, 53%
CMY	0.8235, 0.7804, 0.4745
CMYK	0.66, 0.58, 0.00, 0.47
HSL	233°, 50%, 35%
HSV	233°, 66%, 53%
XYZ	6.7994, 5.1075, 23.1817
YIQ	61.6030, -31.5940, 21.9260

Conversions

Conversions Part 2

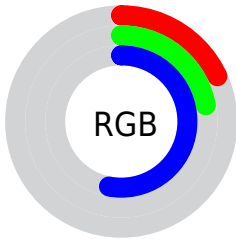
Format	Color
R_{YB}	45, 55, 134
Decimal	2963590
CIE Lab	27.04, 22.05, -45.22
CIE LCh	27, 50.309, 295.995
Yxy	5.1075, 0.1938, 0.1456
Android (android.graphics.Color)	4281153670 (0xFF2D3886)
YUV	61.6030, 35.6917, -14.5608
Hunter-Lab	22.5997, 14.1547, -44.9971




Details

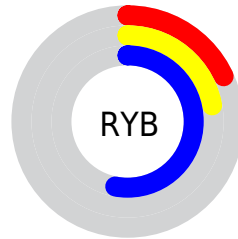
The Hex color **2D3886** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **867B2D**, and the grayscale version is **3D3D3D**.




A 20% lighter version of the original color is **6567BC**, and **000F53** is the 20% darker color. If you saturate the color by 10%, you get **202C86**, and if you desaturate by 10%, it is **3A4486**.

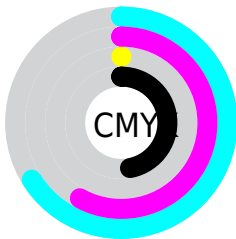
Distribution







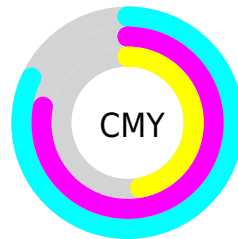
-  Red (18%)
-  Green (22%)
-  Blue (53%)






-  Red (18%)
-  Yellow (22%)
-  Blue (53%)



-  Cyan (66%)
-  Magenta (58%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (82%)
-  Magenta (78%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D3886 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 2D3886 by changing the saturation by 10% instead.

■ 2D3886

■ 2D3886

FFFFFF

■ 06236C

■ 6567BC

■ 000F53

■ 8180D8

■ 00003C

■ 9C9AF5

■ 000225

■ B9B4FF

■ 00010D

■ D5D0FF

■ 000000

■ F3ECCF

■ 2D3886

■ 2D3886

■ 202C86

■ 3A4486

■ 122186

■ 484F86

■ 051586

■ 555B86

■ 001186

■ 636786

■ 707386

■ 7D7E86

■ 8B8A86

■ 989686

■ A6A286

Harmonies

Analogous

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



00478E



2D3886



68216C

Triad

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



2D3886



6F2B00



005039

Complementary

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



2D3886



867B2D

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.



004D0F



2D3886



543D00

Square

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



2D3886



801221



2F4700



005061

Rectangle

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



2D3886



7A0F54



2F4700



004F2C

Sweetspot

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



2D3886



8B8FAD



2D867A



424457



D6D6D6



575757

Same Dimension

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



2D3886



2334AD



4E2D86



3C3C42



001082



000003

Inverse Universe

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



862D38



AD2334



65862D



423C3C



820010



030000

Previews

White Background



This preview shows how the Hex color 2D3886 looks on a white background.

Color Contrast Check

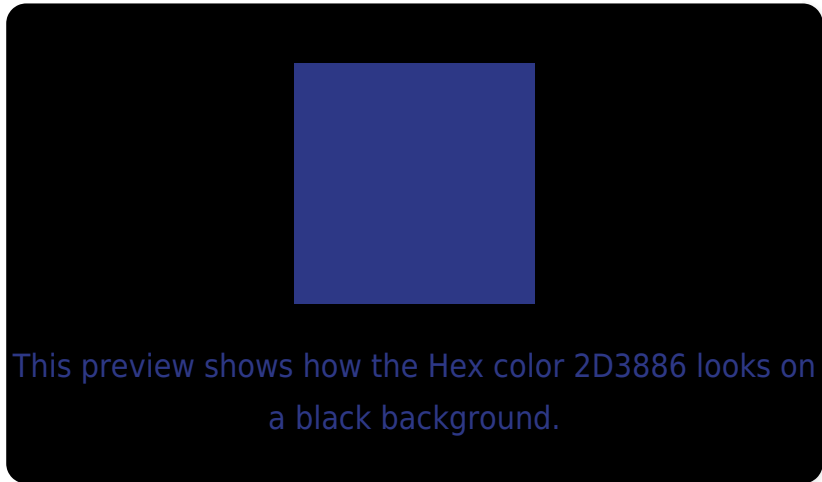
Large Text (above 18pt) WCAG AA ✓ Pass

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

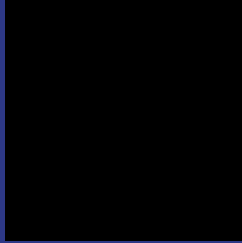
Any Text WCAG AA × Fail

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 2D3886 Background



This preview shows how black text looks on a background with the Hex color 2D3886.



This preview shows how white text looks on a background with the Hex color 2D3886.

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
2D3886

Protanopia
003E83

Deuteranopia
004171



Tritanopia
00474C

Trichromacy



Original Color
2D3886

Protanomaly
103C84

Deuteranomaly
103E79

Tritanomaly
104261

Monochromacy



Original Color
2D3886

Achromatopsia
3E3E3E

Achromatomaly
383C58

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D3886 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 #2D3886 looks like.

```
.text, #text, p{  
    color:#2D3886  
}
```

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 #2D3886 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D3886
}
```

Border

The CSS property to change the border of an element to Hex 2D3886 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
#2D3886 }
```

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

```
.border{ border-color:#2D3886 }
```

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

Here you see how a box with a 4 pixel #2D3886 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D3886; -webkit-box-shadow:4px 4px  
4px 4px #2D3886; box-shadow:4px 4px 4px  
4px #2D3886 }
```

Background

The CSS property to change the background color of an element to Hex 2D3886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D3886 }
```

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

```
.background{ background-color:#2D3886 }
```

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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