

Converting Colors

Hex(2D4188)

Have a look what the booklet for
Hex(2D4188) contains.

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Color

Hex(2D4188)

Conversions

Conversions Part 1

Format	Color
Hex	2D4188
RGB	45, 65, 136
RGB Percent	18%, 25%, 53%
CMY	0.8235, 0.7451, 0.4667
CMYK	0.67, 0.52, 0.00, 0.47
HSL	227°, 50%, 35%
HSV	227°, 67%, 53%
XYZ	7.4164, 6.1161, 24.0822
YIQ	67.1140, -34.7110, 17.8410

Conversions

Conversions Part 2

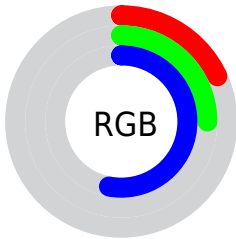
Format	Color
R _Y B	45, 61, 136
Decimal	2965896
CIE Lab	29.70, 16.66, -42.15
CIE LCh	30, 45.325, 291.568
Yxy	6.1161, 0.1972, 0.1626
Android (android.graphics.Color)	4281155976 (0xFF2D4188)
YUV	67.1140, 33.9608, -19.3940
Hunter-Lab	24.7307, 10.2513, -40.4239




Details

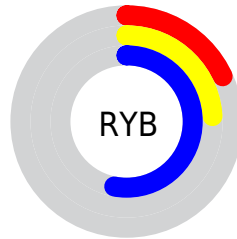
The Hex color **2D4188** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **88742D**, and the grayscale version is **434343**.




A 20% lighter version of the original color is **6570BE**, and **001755** is the 20% darker color. If you saturate the color by 10%, you get **1F3688**, and if you desaturate by 10%, it is **3B4C88**.

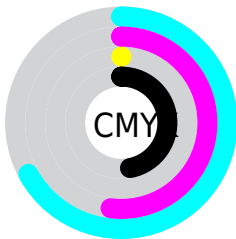
Distribution







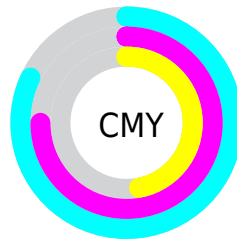
-  Red (18%)
-  Green (25%)
-  Blue (53%)






-  Red (18%)
-  Yellow (24%)
-  Blue (53%)



-  Cyan (67%)
-  Magenta (52%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (82%)
-  Magenta (75%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D4188 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 2D4188 by changing the saturation by 10% instead.

■ 2D4188

■ 2D4188

FFFFFF

■ 062B6E

■ 6570BE

■ 001755

■ 808ADA

■ 00003E

■ 9CA4F7

■ 000327

■ B8BFFF

■ 000110

■ D5DBFF

■ 000000

■ F2F7FF

■ 2D4188

■ 2D4188

■ 1F3688

■ 3B4C88

■ 122C88

■ 485688

■ 042188

■ 566188

■ 001E88

■ 636B88

■ 717688

■ 7F8188

■ 8C8B88

■ 9A9688

■ A7A088

Harmonies

Analogous

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



004D8C



2D4188



663072

Triad

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



2D4188



76310D



00553B

Complementary

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



2D4188



88742D

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.



035216



2D4188



5E4100

Square

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



2D4188



83212E



3D4C00



00565F

Rectangle

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



2D4188



79245D



3D4C00



00542E

Sweetspot

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



2D4188



8D94B0



2D8873



444959



D9D9D9



595959

Same Dimension

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



2D4188



2342B0



452D88



3E3F45



001D85



000105

Inverse Universe

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



882D41



B02342



70882D



453E3F



85001D



050001

Previews

White Background



This preview shows how the Hex color 2D4188 looks on a white background.

Color Contrast Check

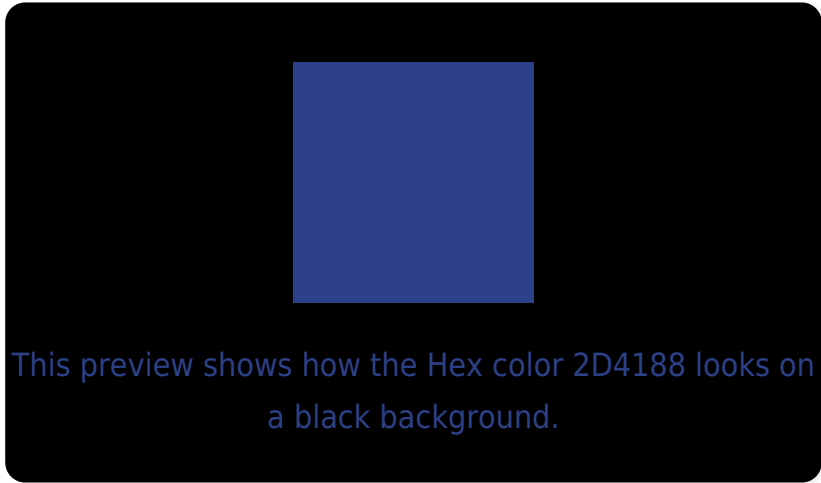
Large Text (above 18pt) WCAG AA ✓ Pass

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

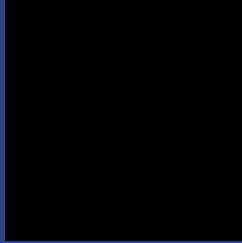
Any Text WCAG AA × Fail

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 2D4188 Background



This preview shows how black text looks on a background with the Hex color 2D4188.



This preview shows how white text looks on a background with the Hex color 2D4188.

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
2D4188

Protanopia
17438B

Deuteranopia
00477D



Tritanopia
004E54

Trichromacy



Original Color
2D4188

Protanomaly
1F428A

Deuteranomaly
104581

Tritanomaly
104967

Monochromacy



Original Color
2D4188

Achromatopsia
434343

Achromatomaly
3B425C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D4188 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 #2D4188 looks like.

```
.text, #text, p{  
    color:#2D4188  
}
```

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 #2D4188 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D4188
}
```

Border

The CSS property to change the border of an element to Hex 2D4188 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
#2D4188 }
```

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

```
.border{ border-color:#2D4188 }
```

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

Here you see how a box with a 4 pixel #2D4188 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D4188; -webkit-box-shadow:4px 4px  
4px 4px #2D4188; box-shadow:4px 4px 4px  
4px #2D4188 }
```

Background

The CSS property to change the background color of an element to Hex 2D4188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D4188 }
```

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

```
.background{ background-color:#2D4188 }
```

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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