

Converting Colors

Hex(2D167A)

Have a look what the booklet for
Hex(2D167A) contains.

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Color

Hex(2D167A)

Conversions

Conversions Part 1

Format	Color
Hex	2D167A
RGB	45, 22, 122
RGB Percent	18%, 9%, 48%
CMY	0.8235, 0.9137, 0.5216
CMYK	0.63, 0.82, 0.00, 0.52
HSL	254°, 69%, 28%
HSV	254°, 82%, 48%
XYZ	4.8819, 2.5368, 18.6447
YIQ	40.2770, -18.3920, 35.9760

Conversions

Conversions Part 2

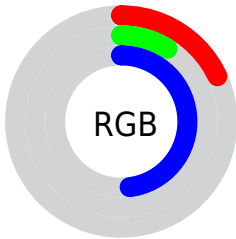
Format	Color
R _Y B	45, 22, 122
Decimal	2954874
CIE Lab	18.08, 38.95, -52.29
CIE LCh	18, 65.203, 306.676
Yxy	2.5368, 0.1873, 0.0973
Android (android.graphics.Color)	4281144954 (0xFF2D167A)
YUV	40.2770, 40.2894, 4.1421
Hunter-Lab	15.9275, 26.8391, -58.2556

Details

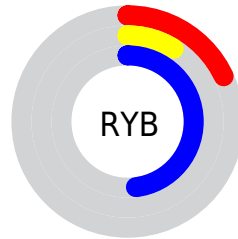
The Hex color **2D167A** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **637A16**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **6545AF**, and **000048** is the 20% darker color. If you saturate the color by 10%, you get **240A7A**, and if you desaturate by 10%, it is **36227A**.

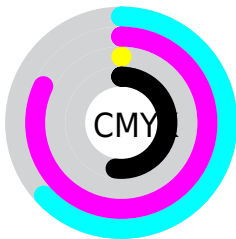
Distribution



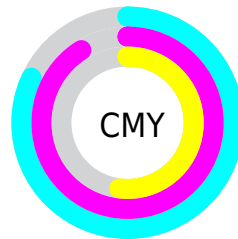
- Red (18%)
- Green (9%)
- Blue (48%)



- Red (18%)
- Yellow (9%)
- Blue (48%)



- Cyan (63%)
- Magenta (82%)
- Yellow (0%)
- Black (52%)



- Cyan (82%)
- Magenta (91%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D167A 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 2D167A by changing the saturation by 10% instead.

■ 2D167A

■ 2D167A

FFFFFF

■ 060060

■ 6545AF

■ 000048

■ 815DCB

■ 000430

■ 9D76E8

■ 00011B

■ B991FF

■ 000000

■ D6ABFF

■ F4C7FF

■ FFE3FF

■ 2D167A

■ 2D167A

■ 240A7A

■ 36227A

■ 1C007A

■ 402E7A

■ 493B7A

■ 53477A

■ 5C537A

■ 655F7A

■ 6F6B7A

■ 78787A

■ 82847A

Harmonies

Analogous

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



00318D



2D167A



680053

Triad

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



2D167A



541900



003D36

Complementary

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



2D167A



637A16

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.



003B00



2D167A



2E2E00

Square

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



2D167A



6E0000



003700



003D65

Rectangle

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



2D167A



750034



003700



003C25

Sweetspot

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



2D167A



80779E



16647A



3D374F



CFCFCF



4F4F4F

Same Dimension

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



2D167A



27039E



5E167A



38373D



1D007D



3A00FC

Inverse Universe

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



7A1663



9E037A



327A16



3D373C



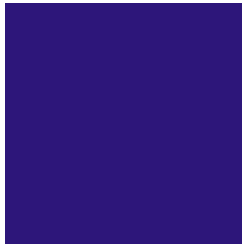
7D0060



FC00C2

Previews

White Background



This preview shows how the Hex color 2D167A looks on a white background.

Color Contrast Check

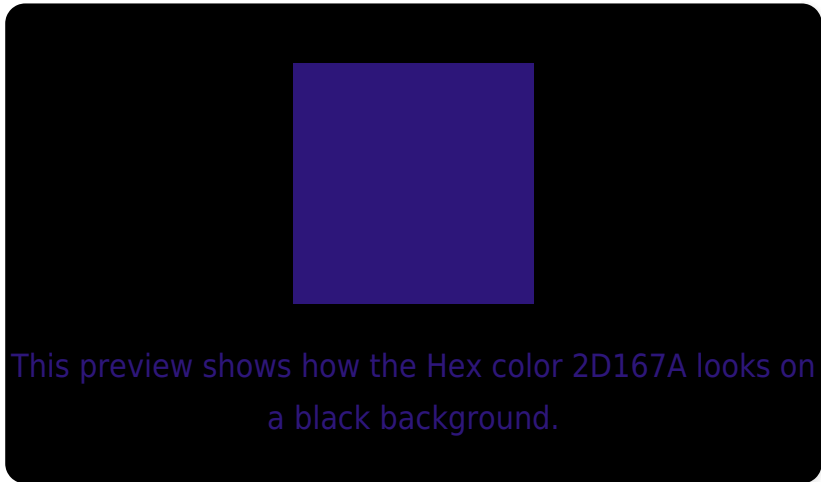
Large Text (above 18pt) WCAG AA ✓ Pass

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

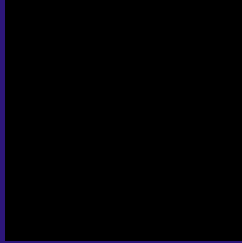
Any Text WCAG AA × Fail

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 2D167A Background



This preview shows how black text looks on a background with the Hex color 2D167A.



This preview shows how white text looks on a background with the Hex color 2D167A.

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
2D167A

Protanopia
002C5C

Deuteranopia
002F4E

Trichromacy



Original Color
2D167A

Protanomaly
102467

Deuteranomaly
10265E

Tritanomaly
10284F

Monochromacy



Original Color
2D167A

Achromatopsia
282828

Achromatomaly
2A2146

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D167A 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 #2D167A looks like.

```
.text, #text, p{  
    color:#2D167A  
}
```

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 #2D167A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D167A
}
```

Border

The CSS property to change the border of an element to Hex 2D167A 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
#2D167A }
```

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

```
.border{ border-color:#2D167A }
```

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

Here you see how a box with a 4 pixel #2D167A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D167A; -webkit-box-shadow:4px 4px  
4px 4px #2D167A; box-shadow:4px 4px 4px  
4px #2D167A }
```

Background

The CSS property to change the background color of an element to Hex 2D167A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D167A }
```

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

```
.background{ background-color:#2D167A }
```

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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