

Converting Colors

Hex(2D174A)

Have a look what the booklet for
Hex(2D174A) contains.

Hex(2D174A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2D174A)

Conversions

Conversions Part 1

Format	Color
Hex	2D174A
RGB	45, 23, 74
RGB Percent	18%, 9%, 29%
CMY	0.8235, 0.9098, 0.7098
CMYK	0.39, 0.69, 0.00, 0.71
HSL	266°, 53%, 19%
HSV	266°, 69%, 29%
XYZ	2.6246, 1.6651, 6.6616
YIQ	35.3920, -3.2590, 20.5250

Conversions

Conversions Part 2

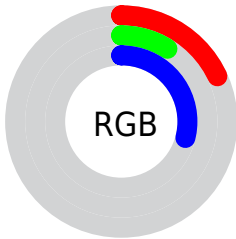
Format	Color
RYB	45, 23, 74
Decimal	2955082
CIELab	13.62, 23.45, -27.74
CIELCh	14, 36.321, 310.213
Yxy	1.6651, 0.2397, 0.1520
Android (android.graphics.Color)	4281145162 (0xFF2D174A)
YUV	35.3920, 19.0337, 8.4262
Hunter-Lab	12.9038, 13.7248, -21.5758

Details

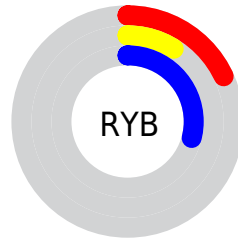
The Hex color **2D174A** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **344A17**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **5D437B**, and **00021D** is the 20% darker color. If you saturate the color by 10%, you get **29104A**, and if you desaturate by 10%, it is **311E4A**.

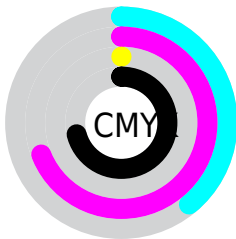
Distribution



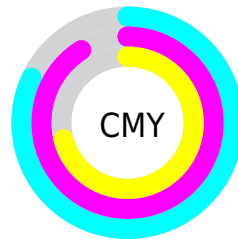
- Red (18%)
- Green (9%)
- Blue (29%)



- Red (18%)
- Yellow (9%)
- Blue (29%)



- Cyan (39%)
- Magenta (69%)
- Yellow (0%)
- Black (71%)



- Cyan (82%)
- Magenta (91%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D174A 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 2D174A by changing the saturation by 10% instead.

■ 2D174A

■ 2D174A

■ FFFCFF

■ 180033

■ 5D437B

■ 00021D

■ 775B95

■ 000000

■ 9174B0

■ AC8ECC

■ C8A8E8

■ E4C3FF

■ FFE0FF

■ 2D174A

■ 2D174A

■ 29104A

■ 311E4A

■ 25084A

■ 35264A

■ 20014A

■ 3A2D4A

■ 20004A

■ 3E354A

■ 423C4A

■ 46434A

■ 4A4B4A

■ 4F524A

■ 535A4A

Harmonies

Analogous

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



002355



2D174A



460535

Triad

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



2D174A



3A1B00



002E2B

Complementary

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



2D174A



344A17

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.



002D10



2D174A



252500

Square

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



2D174A



490C00



082A00



002D43

Rectangle

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



2D174A



4D0024



082A00



002D22

Sweetspot

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



2D174A



554D61



17354A



2A2430



B0B0B0



303030

Same Dimension

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



2D174A



331061



46174A



242226



2C0066



6300E6

Inverse Universe

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



4A1734



61103E



1B4A17



262225



66003A



E60082

Previews

White Background



This preview shows how the Hex color 2D174A looks on a white background.

Color Contrast Check

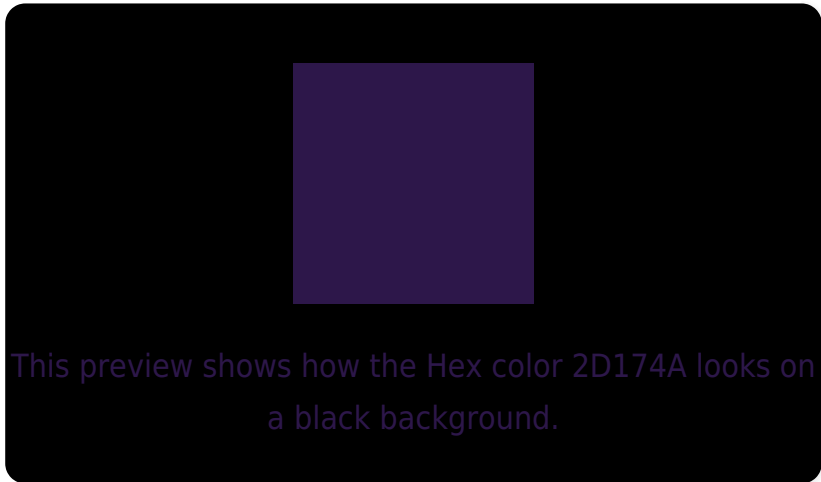
Large Text (above 18pt) WCAG AA ✓ Pass

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

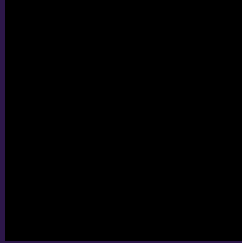
Any Text WCAG AA × Fail

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 2D174A Background



This preview shows how black text looks on a background with the Hex color 2D174A.



This preview shows how white text looks on a background with the Hex color 2D174A.

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](#).

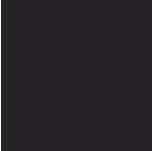
Dichromacy



Original Color
2D174A

Protanopia
002249

Deuteranopia
00243F



Tritanopia
252326

Trichromacy



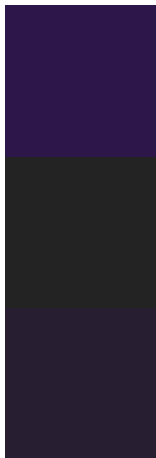
Original Color
2D174A

Protanomaly
101E49

Deuteranomaly
101F43

Tritanomaly
281F33

Monochromacy



Original Color
2D174A

Achromatopsia
232323

Achromatomaly
271F31

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D174A 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 #2D174A looks like.

```
.text, #text, p{  
    color:#2D174A  
}
```

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 #2D174A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D174A
}
```

Border

The CSS property to change the border of an element to Hex 2D174A 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
#2D174A }
```

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

```
.border{ border-color:#2D174A }
```

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

Here you see how a box with a 4 pixel #2D174A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D174A; -webkit-box-shadow:4px 4px  
4px 4px #2D174A; box-shadow:4px 4px 4px  
4px #2D174A }
```

Background

The CSS property to change the background color of an element to Hex 2D174A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D174A }
```

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

```
.background{ background-color:#2D174A }
```

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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