

Converting Colors

Hex(2D054A)

Have a look what the booklet for
Hex(2D054A) contains.

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Color

Hex(2D054A)

Conversions

Conversions Part 1

Format	Color
Hex	2D054A
RGB	45, 5, 74
RGB Percent	18%, 2%, 29%
CMY	0.8235, 0.9804, 0.7098
CMYK	0.39, 0.93, 0.00, 0.71
HSL	275°, 87%, 15%
HSV	275°, 93%, 29%
XYZ	2.3725, 1.1608, 6.5776
YIQ	24.8260, 1.6910, 29.9390

Conversions

Conversions Part 2

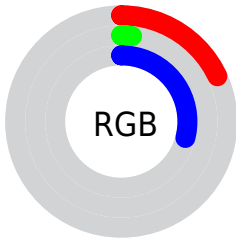
Format	Color
R _Y B	45, 5, 74
Decimal	2950474
CIE Lab	10.27, 32.91, -33.19
CIE LCh	10, 46.742, 314.760
Yxy	1.1608, 0.2346, 0.1148
Android (android.graphics.Color)	4281140554 (0xFF2D054A)
YUV	24.8260, 24.2428, 17.6926
Hunter-Lab	10.7742, 20.4508, -28.6541

Details

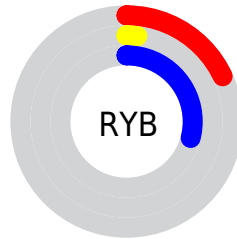
The Hex color **2D054A** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **224A05**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **5F347B**, and **00021D** is the 20% darker color. If you saturate the color by 10%, you get **2B004A**, and if you desaturate by 10%, it is **300C4A**.

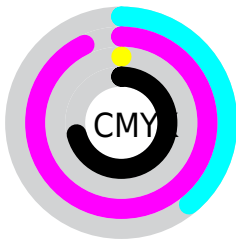
Distribution



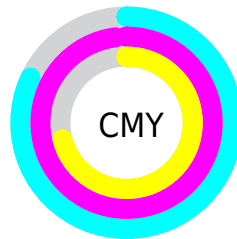
- Red (18%)
- Green (2%)
- Blue (29%)



- Red (18%)
- Yellow (2%)
- Blue (29%)



- Cyan (39%)
- Magenta (93%)
- Yellow (0%)
- Black (71%)



- Cyan (82%)
- Magenta (98%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D054A 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 2D054A by changing the saturation by 10% instead.

 2D054A

 2D054A

 FFECFF

 1B0033

 5F347B

 00021D

 794C96

 000000

 9365B0

 AE7ECC

 CA99E8

 E7B4FF

 FFD0FF

 2D054A

 2D054A

■ 2B004A

■ 300C4A

■ 33144A

■ 361B4A

■ 39234A

■ 3D2A4A

■ 40314A

■ 43394A

■ 46404A

■ 49484A

Harmonies

Analogous

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



001C5B



2D054A



49002D

Triad

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



2D054A



311400



002A2B

Complementary

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



2D054A



224A05

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.



002905



2D054A



152000

Square

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



2D054A



450000



002600



002949

Rectangle

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



2D054A



4F0019



002600



002920

Sweetspot

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



2D054A



554661



05234A



2A2030



B0B0B0



303030

Same Dimension

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



2D054A



380061



4A0545



252226



3B0066



8500E6

Inverse Universe

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



4A0522



610029



054A0A



262224



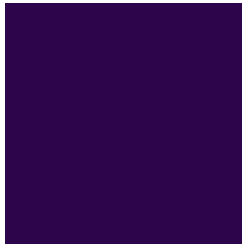
66002B



E60060

Previews

White Background



This preview shows how the Hex color 2D054A 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

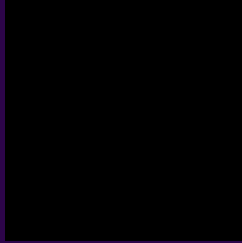
Any Text WCAG AA × Fail

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 2D054A Background



This preview shows how black text looks on a background with the Hex color 2D054A.



This preview shows how white text looks on a background with the Hex color 2D054A.

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
2D054A

Protanopia
001E3F

Deuteranopia
002036



Tritanopia
241D1F

Trichromacy



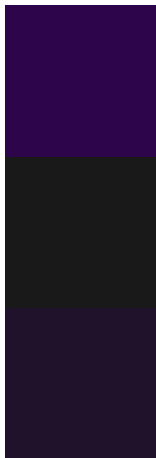
Original Color
2D054A

Protanomaly
101543

Deuteranomaly
10163D

Tritanomaly
27142F

Monochromacy



Original Color
2D054A

Achromatopsia
191919

Achromatomaly
20122B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D054A 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 #2D054A looks like.

```
.text, #text, p{  
    color:#2D054A  
}
```

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 #2D054A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D054A
}
```

Border

The CSS property to change the border of an element to Hex 2D054A 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
#2D054A }
```

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

```
.border{ border-color:#2D054A }
```

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

Here you see how a box with a 4 pixel #2D054A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D054A; -webkit-box-shadow:4px 4px  
4px 4px #2D054A; box-shadow:4px 4px 4px  
4px #2D054A }
```

Background

The CSS property to change the background color of an element to Hex 2D054A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D054A }
```

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

```
.background{ background-color:#2D054A }
```

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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