

Converting Colors

Hex(2D2144)

Have a look what the booklet for
Hex(2D2144) contains.

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Color

Hex(2D2144)

Conversions

Conversions Part 1

Format	Color
Hex	2D2144
RGB	45, 33, 68
RGB Percent	18%, 13%, 27%
CMY	0.8235, 0.8706, 0.7333
CMYK	0.34, 0.51, 0.00, 0.73
HSL	261°, 35%, 20%
HSV	261°, 51%, 27%
XYZ	2.6694, 2.0630, 5.7263
YIQ	40.5780, -4.0830, 13.4290

Conversions

Conversions Part 2

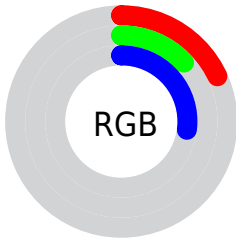
Format	Color
R_{YB}	45, 33, 68
Decimal	2957636
CIE _{Lab}	15.81, 14.85, -20.08
CIE _{LCh}	16, 24.977, 306.490
Yxy	2.0630, 0.2552, 0.1972
Android (android.graphics.Color)	4281147716 (0xFF2D2144)
YUV	40.5780, 13.5190, 3.8781
Hunter-Lab	14.3630, 8.0398, -13.5840

Details

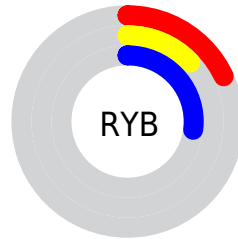
The Hex color **2D2144** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **384421**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **5C4D74**, and **000119** is the 20% darker color. If you saturate the color by 10%, you get **291A44**, and if you desaturate by 10%, it is **312844**.

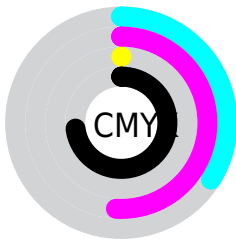
Distribution



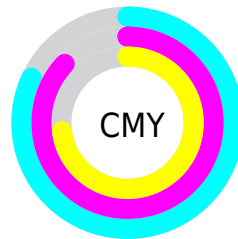
- Red (18%)
- Green (13%)
- Blue (27%)



- Red (18%)
- Yellow (13%)
- Blue (27%)



- Cyan (34%)
- Magenta (51%)
- Yellow (0%)
- Black (73%)



- Cyan (82%)
- Magenta (87%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2144 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 2D2144 by changing the saturation by 10% instead.



2D2144



2D2144

FFFFFF



180C2E



5C4D74



000119



75658E



000000



8F7EA9



AA98C4



C5B3E0



E1CFFD



FEEBFF



2D2144



2D2144

■ 291A44

■ 312844

■ 241344

■ 362F44

■ 200D44

■ 3A3544

■ 1B0644

■ 3F3C44

■ 170044

■ 434344

■ 484A44

■ 4C5144

■ 515744

■ 555E44

Harmonies

Analogous

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



05284B



2D2144



401A36

Triad

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



2D2144



3C2101



00302B

Complementary

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



2D2144



384421

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.



002F19



2D2144



2E2800

Square

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



2D2144



451A13



1B2C06



002F3C

Rectangle

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



2D2144



46172A



1B2C06



003025

Sweetspot

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



2D2144



504C59



213844



28262E



ADADAD



2E2E2E

Same Dimension

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



2D2144



352259



3E2144



1F1E21



210061



4D00E0

Inverse Universe

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



442138



592246



274421



211E20



610040



E00093

Previews

White Background



This preview shows how the Hex color 2D2144 looks on a white background.

Color Contrast Check

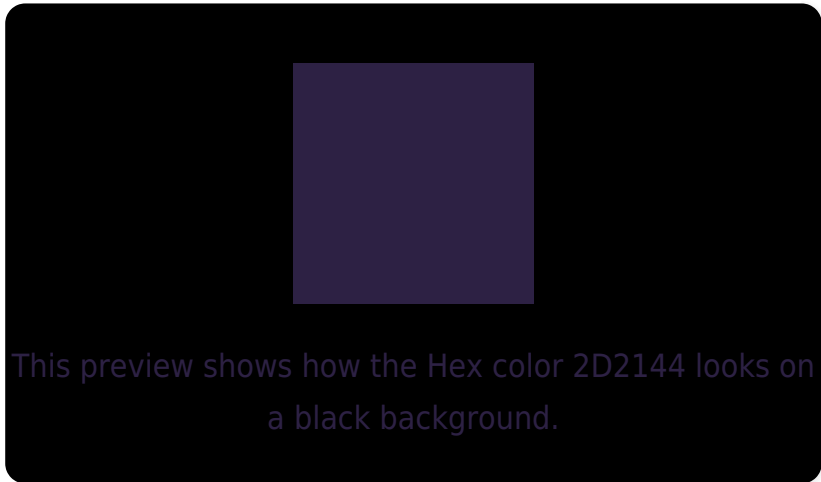
Large Text (above 18pt) WCAG AA ✓ Pass

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

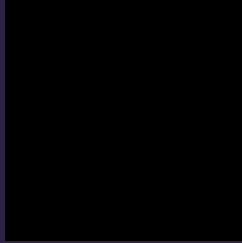
Any Text WCAG AA × Fail

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 2D2144 Background



This preview shows how black text looks on a background with the Hex color 2D2144.



This preview shows how white text looks on a background with the Hex color 2D2144.

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](#).

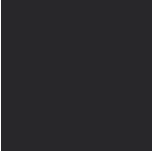
Dichromacy



Original Color
2D2144

Protanopia
162749

Deuteranopia
152843



Tritanopia
28272A

Trichromacy



Original Color

2D2144

Protanomaly

1E2547

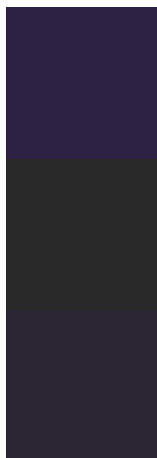
Deuteranomaly

1E2543

Tritanomaly

2A2533

Monochromacy



Original Color

2D2144

Achromatopsia

292929

Achromatomaly

2A2633

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2144 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 #2D2144 looks like.

```
.text, #text, p{  
    color:#2D2144  
}
```

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 #2D2144 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2144
}
```

Border

The CSS property to change the border of an element to Hex 2D2144 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
#2D2144 }
```

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

```
.border{ border-color:#2D2144 }
```

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

Here you see how a box with a 4 pixel #2D2144 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2144; -webkit-box-shadow:4px 4px  
4px 4px #2D2144; box-shadow:4px 4px 4px  
4px #2D2144 }
```

Background

The CSS property to change the background color of an element to Hex 2D2144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2144 }
```

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

```
.background{ background-color:#2D2144 }
```

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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