

Converting Colors

Hex(2D2541)

Have a look what the booklet for
Hex(2D2541) contains.

Hex(2D2541)	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(2D2541)

Conversions

Conversions Part 1

Format	Color
Hex	2D2541
RGB	45, 37, 65
RGB Percent	18%, 15%, 25%
CMY	0.8235, 0.8549, 0.7451
CMYK	0.31, 0.43, 0.00, 0.75
HSL	257°, 27%, 20%
HSV	257°, 43%, 25%
XYZ	2.6979, 2.2627, 5.2956
YIQ	42.5840, -4.2200, 10.4040

Conversions

Conversions Part 2

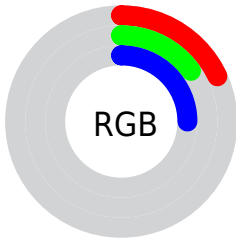
Format	Color
R_{YB}	45, 37, 65
Decimal	2958657
CIE _{Lab}	16.81, 11.10, -16.44
CIE _{LCh}	17, 19.834, 304.037
Yxy	2.2627, 0.2631, 0.2206
Android (android.graphics.Color)	4281148737 (0xFF2D2541)
YUV	42.5840, 11.0511, 2.1188
Hunter-Lab	15.0422, 5.6910, -10.3434

Details

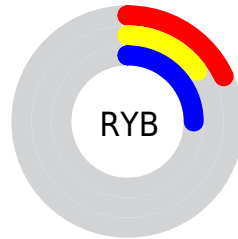
The Hex color **2D2541** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **394125**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5C5271**, and **000116** is the 20% darker color. If you saturate the color by 10%, you get **281F41**, and if you desaturate by 10%, it is **322C41**.

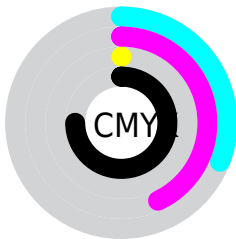
Distribution



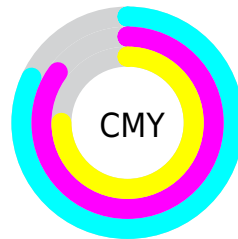
- Red (18%)
- Green (15%)
- Blue (25%)



- Red (18%)
- Yellow (15%)
- Blue (25%)



- Cyan (31%)
- Magenta (43%)
- Yellow (0%)
- Black (75%)



- Cyan (82%)
- Magenta (85%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2541 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 2D2541 by changing the saturation by 10% instead.

■ 2D2541

■ 2D2541

FFFFFF

■ 18112B

■ 5C5271

■ 000116

■ 746A8B

■ 000000

■ 8E83A5

■ A99DC0

■ C4B8DC

■ E0D4F9

■ FDF0FF

■ 2D2541

■ 2D2541

■ 281F41

■ 322C41

■ 241841

■ 363241

■ 1F1241

■ 3B3941

■ 1A0B41

■ 403F41

■ 160541

■ 444641

■ 130041

■ 494C41

■ 4E5341

■ 525941

■ 576041

Harmonies

Analogous

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



142A46



2D2541



3C2036

Triad

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



2D2541



3C2410



00312B

Complementary

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



2D2541



394125

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.



0E301D



2D2541



30290B

Square

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



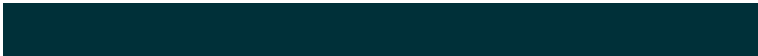
2D2541



431F1A



212D11



003039

Rectangle

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



2D2541



421E2D



212D11



003026

Sweetspot

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



2D2541



4C4954



253941



26242B



ABABAB



2B2B2B

Same Dimension

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



2D2541



352854



3B2541



1F1E21



1C0061



4000E0

Inverse Universe

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



412539



542848



2B4125



211E20



610045



E000A0

Previews

White Background



This preview shows how the Hex color 2D2541 looks on a white background.

Color Contrast Check

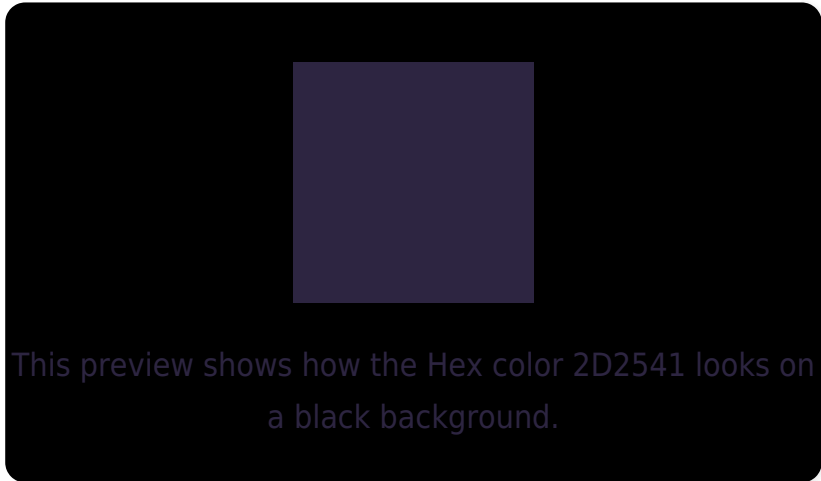
Large Text (above 18pt) WCAG AA ✓ Pass

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

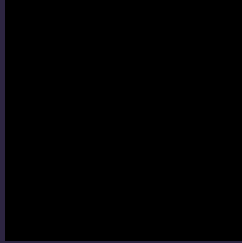
Any Text WCAG AA × Fail

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 2D2541 Background



This preview shows how black text looks on a background with the Hex color 2D2541.



This preview shows how white text looks on a background with the Hex color 2D2541.

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
2D2541

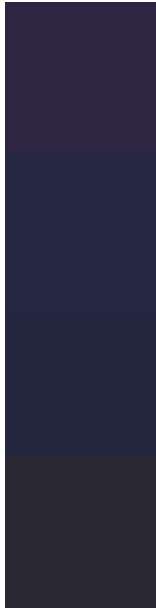
Protanopia
1F2944

Deuteranopia
1E2A40



Tritanopia
29292D

Trichromacy



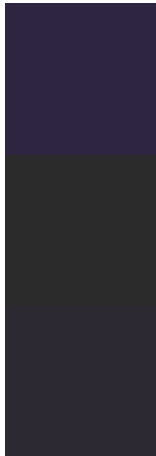
Original Color
2D2541

Protanomaly
242843

Deuteranomaly
232840

Tritanomaly
2A2834

Monochromacy



Original Color
2D2541

Achromatopsia
2B2B2B

Achromatomaly
2C2933

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2541 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 #2D2541 looks like.

```
.text, #text, p{  
    color:#2D2541  
}
```

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 #2D2541 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2541
}
```

Border

The CSS property to change the border of an element to Hex 2D2541 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
#2D2541 }
```

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

```
.border{ border-color:#2D2541 }
```

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

Here you see how a box with a 4 pixel #2D2541 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2541; -webkit-box-shadow:4px 4px  
4px 4px #2D2541; box-shadow:4px 4px 4px  
4px #2D2541 }
```

Background

The CSS property to change the background color of an element to Hex 2D2541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2541 }
```

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

```
.background{ background-color:#2D2541 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor