

# Converting Colors

Hex(2D415C)

Have a look what the booklet for  
Hex(2D415C) contains.

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# Color

Hex(2D415C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2D415C
RGB	45, 65, 92
RGB Percent	18%, 25%, 36%
CMY	0.8235, 0.7451, 0.6392
CMYK	0.51, 0.29, 0.00, 0.64
HSL	214°, 34%, 27%
HSV	214°, 51%, 36%
XYZ	4.9043, 5.1112, 10.8533
YIQ	62.0980, -20.5870, 4.1570

# Conversions

## Conversions Part 2

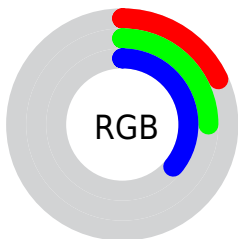
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	45, 59, 92
Decimal	2965852
CIE <sub>Lab</sub>	27.05, 0.59, -18.51
CIE <sub>LCh</sub>	27, 18.519, 271.815
Yxy	5.1112, 0.2350, 0.2449
Android (android.graphics.Color)	4281155932 (0xFF2D415C)
YUV	62.0980, 14.7417, -14.9949
Hunter-Lab	22.6079, -0.8426, -12.6375

# Details

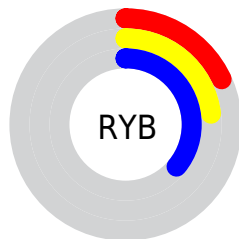
The Hex color **2D415C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5C482D**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **5E718E**, and **00172E** is the 20% darker color. If you saturate the color by 10%, you get **243C5C**, and if you desaturate by 10%, it is **36465C**.

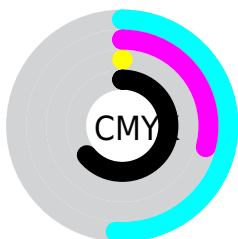
# Distribution



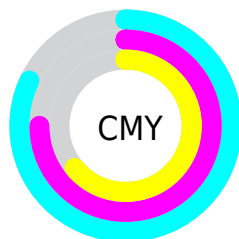
- Red (18%)
- Green (25%)
- Blue (36%)



- Red (18%)
- Yellow (23%)
- Blue (36%)



- Cyan (51%)
- Magenta (29%)
- Yellow (0%)
- Black (64%)



- Cyan (82%)
- Magenta (75%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2D415C 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 2D415C by changing the saturation by 10% instead.



■ 2D415C

■ 2D415C

FFFFFF

■ 152B44

■ 5E718E

■ 00172E

■ 778AA9

■ 000119

■ 91A4C4

■ 000000

■ ACBFE0

■ C8DBFD

■ E4F8FF

■ 2D415C

■ 2D415C

■ 243C5C

■ 36465C

■ 1B365C

■ 3F4C5C

■ 11315C

■ 49515C

■ 082C5C

■ 52565C

■ 00275C

■ 5B5B5C

■ 64615C

■ 6D665C

■ 776B5C

■ 80715C

# Harmonies

## Analogous

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



154558



2D415C



433C58

# Triad

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



2D415C



5B3632



294632

# Complementary

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



2D415C



5C482D

# 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.



3A4427



2D415C



543A27

# Square

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



2D415C



5B3540



483F23



164740

# Rectangle

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



2D415C



4E3952



483F23



2E462E



# Sweetspot

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



2D415C



666E78



2D5C48



32373D



BDBDBD



3D3D3D



# Same Dimension

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



2D415C



2F4E78



302D5C



292B2E



002F6E



0065ED



# Inverse Universe

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



5C2D41



782F4E



595C2D



2E292B



6E002F

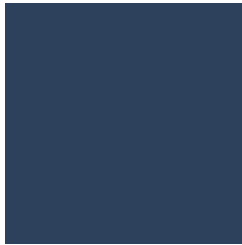


ED0065



# Previews

## White Background



This preview shows how the Hex color 2D415C looks on a white background.

## Color Contrast Check

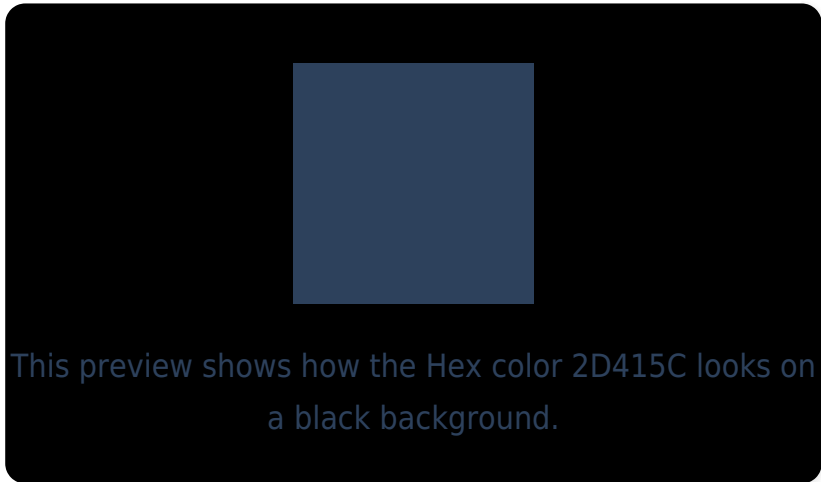
Large Text (above 18pt) WCAG AA ✓ Pass

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

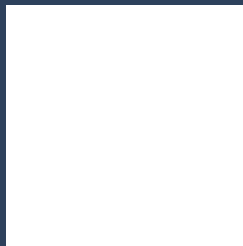
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2D415C Background



This preview shows how black text looks on a background with the Hex color 2D415C.



This preview shows how white text looks on a background with the Hex color 2D415C.

# 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**  
2D415C

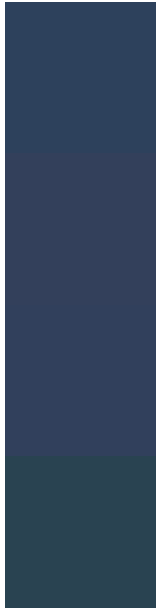
**Protanopia**  
373F5A

**Deuteranopia**  
343F5C



**Tritanopia**  
27444A

# Trichromacy



**Original Color**  
2D415C

**Protanomaly**  
33405B

**Deuteranomaly**  
31405C

**Tritanomaly**  
294351

# Monochromacy



**Original Color**  
2D415C

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
383F49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2D415C 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 #2D415C looks like.

```
.text, #text, p{  
    color:#2D415C  
}
```

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 #2D415C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D415C
}
```

## Border

The CSS property to change the border of an element to Hex 2D415C 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".

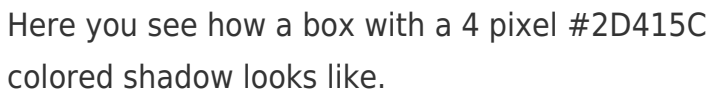
```
.border, #border, table{ border:4px solid
#2D415C }
```

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

```
.border{ border-color:#2D415C }
```

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

Here you see how a box with a 4 pixel #2D415C colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D415C; -webkit-box-shadow:4px 4px  
4px 4px #2D415C; box-shadow:4px 4px 4px  
4px #2D415C }
```

# Background

The CSS property to change the background color of an element to Hex 2D415C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D415C }
```

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

```
.background{ background-color:#2D415C }
```

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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