

# Converting Colors

Hex(2C1F4F)

Have a look what the booklet for  
Hex(2C1F4F) contains.

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# Color

**Hex(2C1F4F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2C1F4F
RGB	44, 31, 79
RGB Percent	17%, 12%, 31%
CMY	0.8275, 0.8784, 0.6902
CMYK	0.44, 0.61, 0.00, 0.69
HSL	256°, 44%, 22%
HSV	256°, 61%, 31%
XYZ	2.9400, 2.0800, 7.6437
YIQ	40.3590, -7.6600, 17.6840

# Conversions

## Conversions Part 2

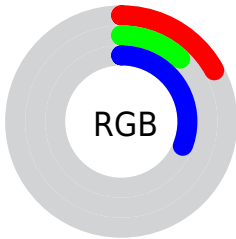
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 31, 79
Decimal	2891599
CIE <sub>Lab</sub>	15.90, 19.45, -27.50
CIE <sub>LCh</sub>	16, 33.683, 305.266
Yxy	2.0800, 0.2322, 0.1642
Android (android.graphics.Color)	4281081679 (0xFF2C1F4F)
YUV	40.3590, 19.0500, 3.1932
Hunter-Lab	14.4221, 11.1491, -21.3281

# Details

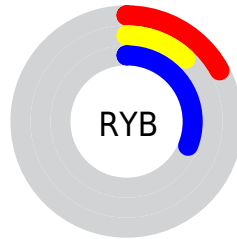
The Hex color **2C1F4F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **424F1F**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **5C4B81**, and **000122** is the 20% darker color. If you saturate the color by 10%, you get **26174F**, and if you desaturate by 10%, it is **32274F**.

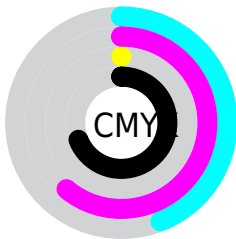
# Distribution



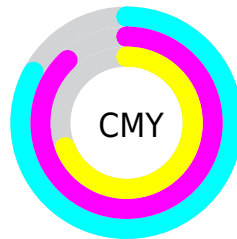
- Red (17%)
- Green (12%)
- Blue (31%)



- Red (17%)
- Yellow (12%)
- Blue (31%)



- Cyan (44%)
- Magenta (61%)
- Yellow (0%)
- Black (69%)



- Cyan (83%)
- Magenta (88%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C1F4F 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 2C1F4F by changing the saturation by 10% instead.



■ 2C1F4F

■ 2C1F4F

FFFFFF

■ 150A38

■ 5C4B81

■ 000122

■ 76639B

■ 000008

■ 907CB6

■ 000000

■ AB96D1

■ C6B1EE

■ E3CDFF

■ FFE9FF

■ 2C1F4F

■ 2C1F4F

■ 26174F

■ 32274F

■ 200F4F

■ 382F4F

■ 1B074F

■ 3D374F

■ 15004F

■ 433F4F

■ 49474F

■ 4F4E4F

■ 54564F

■ 5A5E4F

■ 60664F

# Harmonies

## Analogous

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



002958



2C1F4F



47123C

# Triad

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



2C1F4F



421F00



00322B

# Complementary

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



2C1F4F



424F1F

# 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.



003112



2C1F4F



2E2800

# Square

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



2C1F4F



4E120C



172E00



003243

# Rectangle

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



2C1F4F



4F0B2C



172E00



003223



# Sweetspot

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



2C1F4F



595466



1F424F



2B2833



B3B3B3



333333



# Same Dimension

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



2C1F4F



301C66



441F4F



232226



1C0066



3E00E6



# Inverse Universe

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



4F1F42



661C52



2A4F1F



262225



66004A



E600A7



# Previews

## White Background



This preview shows how the Hex color 2C1F4F 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

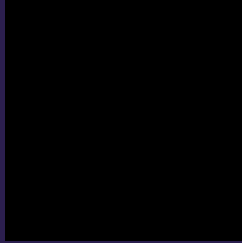
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2C1F4F Background



This preview shows how black text looks on a background with the Hex color 2C1F4F.



This preview shows how white text looks on a background with the Hex color 2C1F4F.

# 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**  
2C1F4F

**Protanopia**  
002752

**Deuteranopia**  
002947



**Tritanopia**  
23292C

# Trichromacy



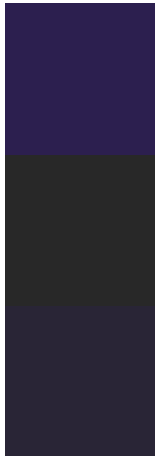
**Original Color**  
2C1F4F

**Protanomaly**  
102451

**Deuteranomaly**  
10254A

**Tritanomaly**  
262539

# Monochromacy



**Original Color**  
2C1F4F

**Achromatopsia**  
282828

**Achromatomaly**  
292536

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C1F4F 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 #2C1F4F looks like.

```
.text, #text, p{  
  color:#2C1F4F  
}
```

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 #2C1F4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C1F4F  
}
```

## Border

The CSS property to change the border of an element to Hex 2C1F4F 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  
#2C1F4F }
```

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

```
.border{ border-color:#2C1F4F }
```

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

Here you see how a box with a 4 pixel #2C1F4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C1F4F; -webkit-box-shadow:4px 4px  
4px 4px #2C1F4F; box-shadow:4px 4px 4px  
4px #2C1F4F }
```

# Background

The CSS property to change the background color of an element to Hex 2C1F4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C1F4F }
```

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

```
.background{ background-color:#2C1F4F }
```

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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