

# Converting Colors

Hex(27234B)

Have a look what the booklet for  
Hex(27234B) contains.

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# Color

Hex(27234B)

# Conversions

## Conversions Part 1

Format	Color
Hex	27234B
RGB	39, 35, 75
RGB Percent	15%, 14%, 29%
CMY	0.8471, 0.8627, 0.7059
CMYK	0.48, 0.53, 0.00, 0.71
HSL	246°, 36%, 22%
HSV	246°, 53%, 29%
XYZ	2.7077, 2.1414, 6.9272
YIQ	40.7560, -10.4560, 13.2880

# Conversions

## Conversions Part 2

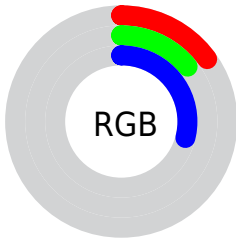
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 35, 75
Decimal	2564939
CIELab	16.21, 13.86, -24.30
CIElCh	16, 27.978, 299.697
Yxy	2.1414, 0.2299, 0.1818
Android (android.graphics.Color)	4280755019 (0xFF27234B)
YUV	40.7560, 16.8823, -1.5400
Hunter-Lab	14.6335, 7.4203, -17.8233

# Details

The Hex color **27234B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **474B23**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **574F7C**, and **00021F** is the 20% darker color. If you saturate the color by 10%, you get **201C4B**, and if you desaturate by 10%, it is **2E2B4B**.

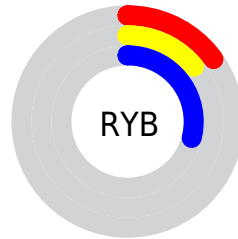
# Distribution



Red (15%)

Green (14%)

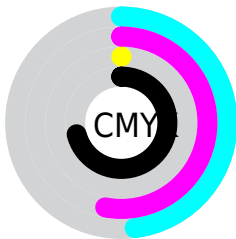
Blue (29%)



Red (15%)

Yellow (14%)

Blue (29%)

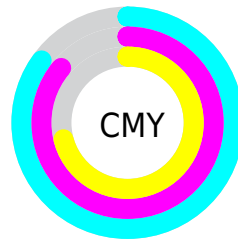


Cyan (48%)

Magenta (53%)

Yellow (0%)

Black (71%)



Cyan (85%)

Magenta (86%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27234B 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 27234B by changing the saturation by 10% instead.



■ 27234B

■ 27234B

FFFFFF

■ 100F34

■ 574F7C

■ 00021F

■ 706796

■ 000001

■ 8A81B1

■ 000000

■ A49BCD

■ C0B5E9

■ DCD1FF

■ F8EDFF

■ 27234B

■ 27234B

■ 201C4B

■ 2E2B4B

■ 19144B

■ 34324B

■ 130C4B

■ 3B3A4B

■ 0C054B

■ 42414B

■ 07004B

■ 49494B

■ 50504B

■ 56574B

■ 5D5F4B

■ 64674B

# Harmonies

## Analogous

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



002B50



27234B



401A3D

# Triad

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



27234B



421F00



003127

# Complementary

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



27234B



474B23

# 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.



003013



27234B



332700

# Square

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



27234B



4A1716



1F2D00



00313B

# Rectangle

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



27234B



481530



1F2D00



003120



# Sweetspot

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



27234B



535161



23474B



282730



B0B0B0



303030



# Same Dimension

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



27234B



292361



3B234B



232226



0A0066



1700E6



# Inverse Universe

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



4B2347



61235B



334B23



262226



66005C



E600CF



# Previews

## White Background



This preview shows how the Hex color 27234B looks on a white background.

## Color Contrast Check

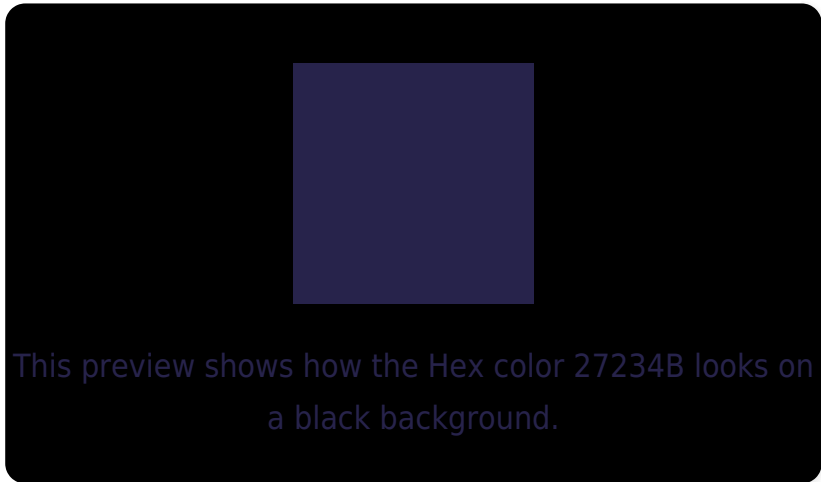
Large Text (above 18pt) WCAG AA ✓ Pass

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

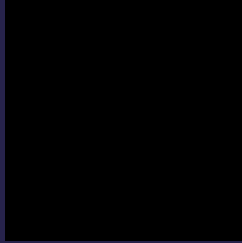
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 27234B Background



This preview shows how black text looks on a background with the Hex color 27234B.



This preview shows how white text looks on a background with the Hex color 27234B.

# 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**  
27234B

**Protanopia**  
10274F

**Deuteranopia**  
002949



**Tritanopia**  
1F2A2E

# Trichromacy



**Original Color**  
27234B

**Protanomaly**  
18264E

**Deuteranomaly**  
0E274A

**Tritanomaly**  
222739

# Monochromacy



**Original Color**  
27234B

**Achromatopsia**  
292929

**Achromatomaly**  
282735

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27234B 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 #27234B looks like.

```
.text, #text, p{  
  color:#27234B  
}
```

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 #27234B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27234B
}
```

## Border

The CSS property to change the border of an element to Hex 27234B 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
#27234B }
```

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

```
.border{ border-color:#27234B }
```

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

Here you see how a box with a 4 pixel #27234B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27234B; -webkit-box-shadow:4px 4px  
4px 4px #27234B; box-shadow:4px 4px 4px  
4px #27234B }
```

# Background

The CSS property to change the background color of an element to Hex 27234B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27234B }
```

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

```
.background{ background-color:#27234B }
```

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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