

# Converting Colors

Hex(27164B)

Have a look what the booklet for  
Hex(27164B) contains.

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# Color

**Hex(27164B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	27164B
RGB	39, 22, 75
RGB Percent	15%, 9%, 29%
CMY	0.8471, 0.9137, 0.7059
CMYK	0.48, 0.71, 0.00, 0.71
HSL	259°, 55%, 19%
HSV	259°, 71%, 29%
XYZ	2.3936, 1.5132, 6.8225
YIQ	33.1250, -6.8810, 20.0870

# Conversions

## Conversions Part 2

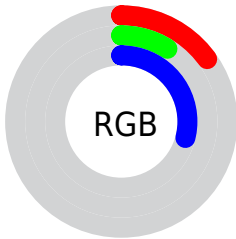
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 22, 75
Decimal	2561611
CIE <sub>Lab</sub>	12.69, 22.89, -29.97
CIE <sub>LCh</sub>	13, 37.709, 307.369
Yxy	1.5132, 0.2231, 0.1410
Android (android.graphics.Color)	4280751691 (0xFF27164B)
YUV	33.1250, 20.6444, 5.1524
Hunter-Lab	12.3010, 13.2068, -24.2733

# Details

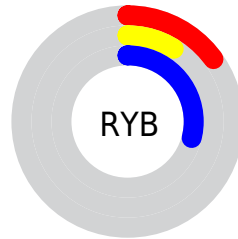
The Hex color **27164B** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3A4B16**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **58427C**, and **00021E** is the 20% darker color. If you saturate the color by 10%, you get **220E4B**, and if you desaturate by 10%, it is **2C1D4B**.

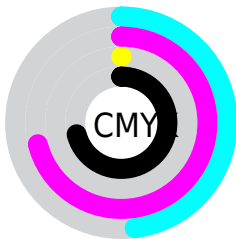
# Distribution



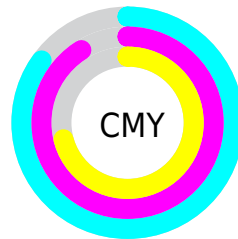
- Red (15%)
- Green (9%)
- Blue (29%)



- Red (15%)
- Yellow (9%)
- Blue (29%)



- Cyan (48%)
- Magenta (71%)
- Yellow (0%)
- Black (71%)



- Cyan (85%)
- Magenta (91%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27164B 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 27164B by changing the saturation by 10% instead.



■ 27164B

■ 27164B

■ FFFAFF

■ 130034

■ 58427C

■ 00021E

■ 715996

■ 000000

■ 8B72B1

■ A68CCD

■ C2A6E9

■ DEC2FF

■ FBDEFF

■ 27164B

■ 27164B

■ 220E4B

■ 2C1D4B

■ 1D074B

■ 31254B

■ 18004B

■ 362D4B

■ 3B344B

■ 403B4B

■ 46434B

■ 4B4B4B

■ 50524B

■ 555A4B

# Harmonies

## Analogous

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



002356



27164B



440236

# Triad

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



27164B



3A1800



002C27

# Complementary

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



27164B



3A4B16

# 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.



002B09



27164B



252200

# Square

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



27164B



490500



062800



002C40

# Rectangle

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



27164B



4B0024



062800



002C1E



# Sweetspot

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



27164B



534D61



163A4B



282430



B0B0B0



303030



# Same Dimension

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



27164B



290F61



41164B



242226



210066



4A00E6



# Inverse Universe

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



4B163A



610F46



204B16



262225



660045



E6009C



# Previews

## White Background



This preview shows how the Hex color 27164B looks on a white background.

## Color Contrast Check

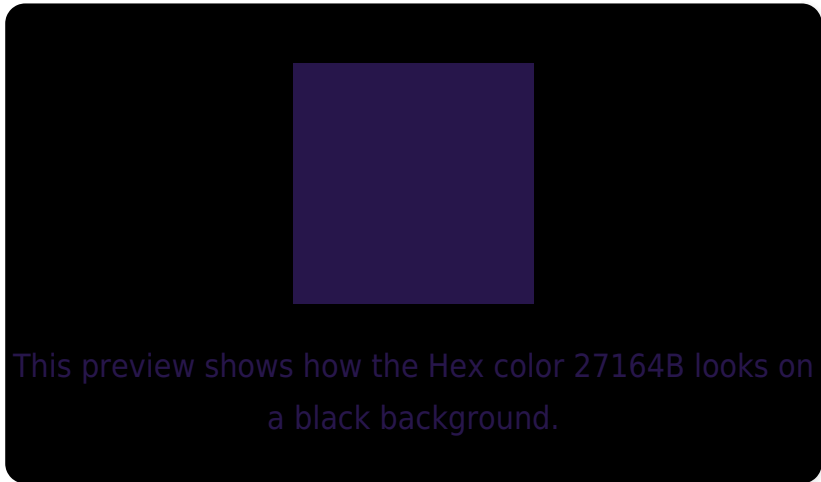
Large Text (above 18pt) WCAG AA ✓ Pass

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

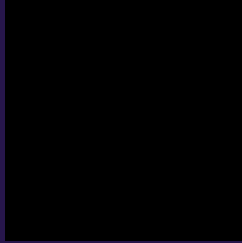
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 27164B Background



This preview shows how black text looks on a background with the Hex color 27164B.



This preview shows how white text looks on a background with the Hex color 27164B.

# 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**  
27164B

**Protanopia**  
002145

**Deuteranopia**  
00233B



**Tritanopia**  
1D2325

# Trichromacy



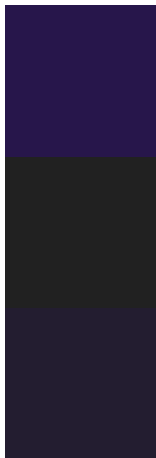
**Original Color**  
27164B

**Protanomaly**  
0E1D47

**Deuteranomaly**  
0E1E41

**Tritanomaly**  
211E33

# Monochromacy



**Original Color**  
27164B

**Achromatopsia**  
212121

**Achromatomaly**  
231D30

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27164B 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 #27164B looks like.

```
.text, #text, p{  
    color:#27164B  
}
```

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 #27164B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27164B
}
```

## Border

The CSS property to change the border of an element to Hex 27164B is called "border". The border property can be set on classes, ids or directly on the HTML element.

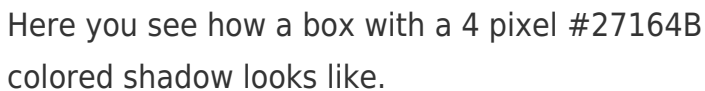
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#27164B }
```

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

```
.border{ border-color:#27164B }
```

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



Here you see how a box with a 4 pixel #27164B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27164B; -webkit-box-shadow:4px 4px  
4px 4px #27164B; box-shadow:4px 4px 4px  
4px #27164B }
```

# Background

The CSS property to change the background color of an element to Hex 27164B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27164B }
```

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

```
.background{ background-color:#27164B }
```

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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