

# Converting Colors

Hex(36183B)

Have a look what the booklet for  
Hex(36183B) contains.

<b>Hex(36183B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(36183B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36183B
RGB	54, 24, 59
RGB Percent	21%, 9%, 23%
CMY	0.7882, 0.9059, 0.7686
CMYK	0.08, 0.59, 0.00, 0.77
HSL	291°, 42%, 16%
HSV	291°, 59%, 23%
XYZ	2.6374, 1.7533, 4.3371
YIQ	36.9600, 6.6450, 17.2450

# Conversions

## Conversions Part 2

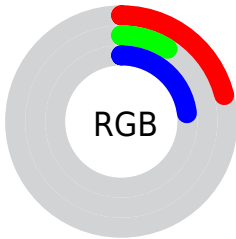
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 24, 59
Decimal	3545147
CIELab	14.14, 21.48, -16.35
CIELCh	14, 26.991, 322.728
Yxy	1.7533, 0.3022, 0.2009
Android (android.graphics.Color)	4281735227 (0xFF36183B)
YUV	36.9600, 10.8657, 14.9441
Hunter-Lab	13.2412, 12.3812, -10.1512

# Details

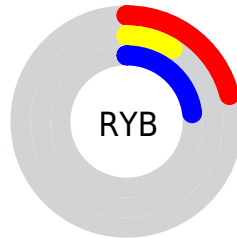
The Hex color **36183B** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1D3B18**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **66456A**, and **00010F** is the 20% darker color. If you saturate the color by 10%, you get **35123B**, and if you desaturate by 10%, it is **371E3B**.

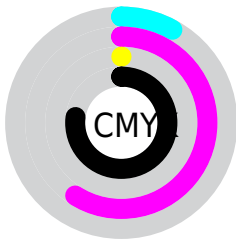
# Distribution



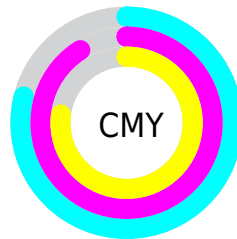
- Red (21%)
- Green (9%)
- Blue (23%)



- Red (21%)
- Yellow (9%)
- Blue (23%)



- Cyan (8%)
- Magenta (59%)
- Yellow (0%)
- Black (77%)



- Cyan (79%)
- Magenta (91%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36183B 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 36183B by changing the saturation by 10% instead.





36183B



36183B

FFFEFF



210025



66456A



00010F



7F5C84



000000



9A759E



B58FB9



D0AAD5



EDC5F1



FFE1FF



36183B



36183B

■ 35123B

■ 371E3B

■ 340C3B

■ 38243B

■ 33063B

■ 392A3B

■ 33003B

■ 39303B

■ 3A363B

■ 3B3B3B

■ 3C413B

■ 3D473B

■ 3E4D3B

# Harmonies

## Analogous

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



1A2147



36183B



431129

# Triad

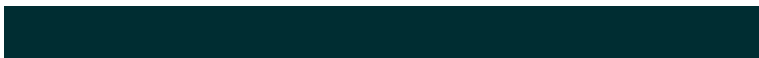
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36183B



322100



002D32

# Complementary

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



36183B



1D3B18

# 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.



002C1F



36183B



212700

# Square

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



36183B



3F1900



052B0A



002B42

# Rectangle

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



36183B



46101D



052B0A



002D2C



# Sweetspot

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



36183B



4B3F4D



181D3B



251E26



A6A6A6



262626



# Same Dimension

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



36183B



45164D



3B182F



1E1C1F



51005E



BE00DE



# Inverse Universe

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



3B181D



4D161E



183B24



1F1C1C



5E000D



DE0020



# Previews

## White Background



This preview shows how the Hex color 36183B looks on a white background.

## Color Contrast Check

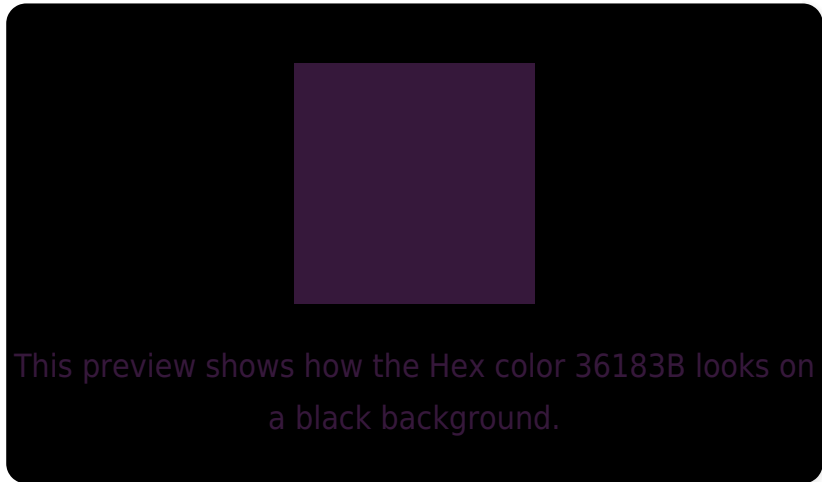
Large Text (above 18pt) WCAG AA ✓ Pass

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

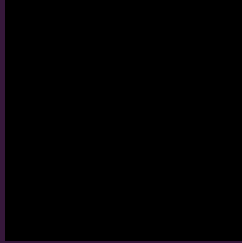
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 36183B Background



This preview shows how black text looks on a background with the Hex color 36183B.



This preview shows how white text looks on a background with the Hex color 36183B.

# 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**  
36183B

**Protanopia**  
122446

**Deuteranopia**  
1B2539



**Tritanopia**  
331F21

# Trichromacy



**Original Color**  
36183B

**Protanomaly**  
1F2042

**Deuteranomaly**  
25203A

**Tritanomaly**  
341C2A

# Monochromacy



**Original Color**  
36183B

**Achromatopsia**  
252525

**Achromatomaly**  
2B202D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36183B 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 #36183B looks like.

```
.text, #text, p{  
    color:#36183B  
}
```

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 #36183B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36183B
}
```

## Border

The CSS property to change the border of an element to Hex 36183B is called "border". The border property can be set on classes, ids or directly on the HTML element.

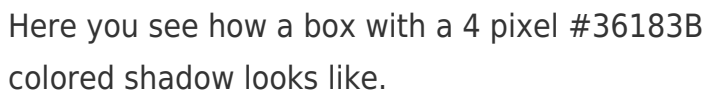
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#36183B }
```

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

```
.border{ border-color:#36183B }
```

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



Here you see how a box with a 4 pixel #36183B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36183B; -webkit-box-shadow:4px 4px  
4px 4px #36183B; box-shadow:4px 4px 4px  
4px #36183B }
```

# Background

The CSS property to change the background color of an element to Hex 36183B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36183B }
```

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

```
.background{ background-color:#36183B }
```

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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