

# Converting Colors

Hex(381932)

Have a look what the booklet for  
Hex(381932) contains.

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# Color

**Hex(381932)**

# Conversions

## Conversions Part 1

Format	Color
Hex	381932
RGB	56, 25, 50
RGB Percent	22%, 10%, 20%
CMY	0.7804, 0.9020, 0.8039
CMYK	0.00, 0.55, 0.11, 0.78
HSL	312°, 38%, 16%
HSV	312°, 55%, 22%
XYZ	2.5542, 1.7663, 3.2239
YIQ	37.1190, 10.4510, 14.3470

# Conversions

## Conversions Part 2

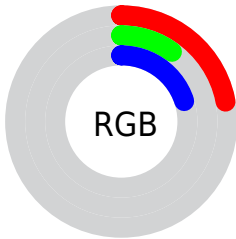
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 25, 50
Decimal	3676466
CIE <sub>Lab</sub>	14.21, 19.55, -9.79
CIE <sub>LCh</sub>	14, 21.864, 333.406
Yxy	1.7663, 0.3386, 0.2341
Android (android.graphics.Color)	4281866546 (0xFF381932)
YUV	37.1190, 6.3503, 16.5586
Hunter-Lab	13.2902, 11.0479, -5.0793

# Details

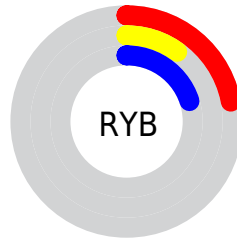
The Hex color **381932** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **19381F**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **684560**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **381331**, and if you desaturate by 10%, it is **381F33**.

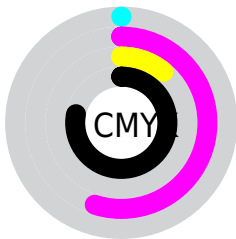
# Distribution



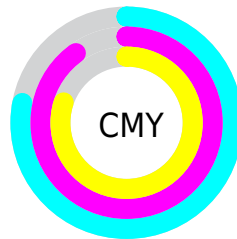
- Red (22%)
- Green (10%)
- Blue (20%)



- Red (22%)
- Yellow (10%)
- Blue (20%)



- Cyan (0%)
- Magenta (55%)
- Yellow (11%)
- Black (78%)



- Cyan (78%)
- Magenta (90%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 381932 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 381932 by changing the saturation by 10% instead.





381932



381932

FFFFFF



23011D



684560



000000



815D79



9C7693



B790AD



D3ABC9



EFC6E5



FFE2FF



381932



381932

■ 381331

■ 381F33

■ 380E30

■ 382434

■ 38082F

■ 382A35

■ 38032E

■ 382F36

■ 38002D

■ 383537

■ 383B39

■ 38403A

■ 38463B

■ 384B3C

# Harmonies

## Analogous

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



271F3E



381932



401623

# Triad

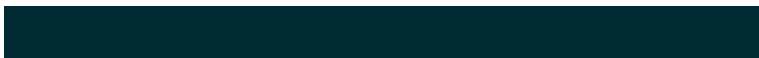
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



381932



2C2400



002B34

# Complementary

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



381932



19381F

# 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.



002B25



381932



1C2806

# Square

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



381932



371E04



042A16



00293F

# Rectangle

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



381932



401719



042A16



002B30



# Sweetspot

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



381932



4A3D48



1F1938



261F25



A6A6A6



262626



# Same Dimension

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



381932



4A1941



381923



1C191C



5C004A



DB00B1



# Inverse Universe

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



381932



4A1941



19382E



1C191C



5C004A

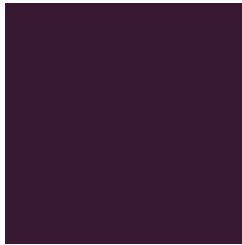


DB00B1



# Previews

## White Background



This preview shows how the Hex color 381932 looks on a white background.

## Color Contrast Check

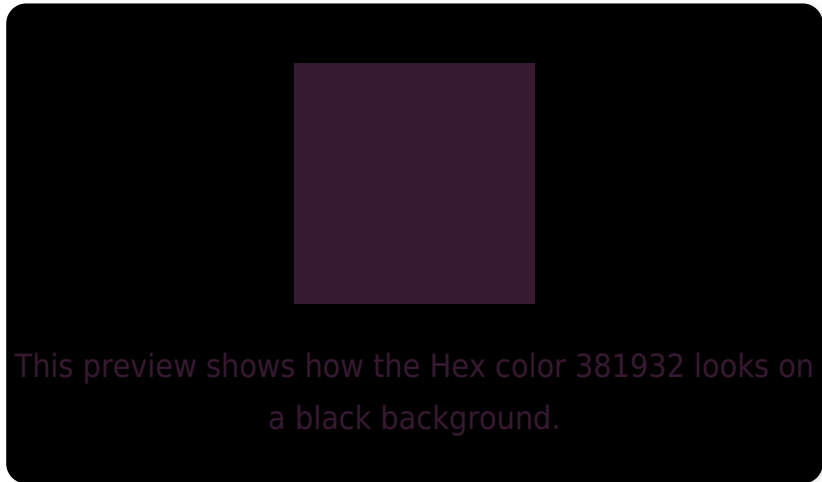
Large Text (above 18pt) WCAG AA ✓ Pass

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

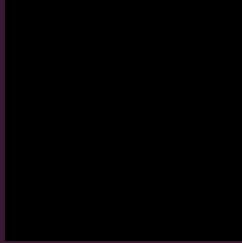
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 381932 Background



This preview shows how black text looks on a background with the Hex color 381932.



This preview shows how white text looks on a background with the Hex color 381932.

# 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**  
381932

**Protanopia**  
1C243B

**Deuteranopia**  
222430



**Tritanopia**  
361D20

# Trichromacy



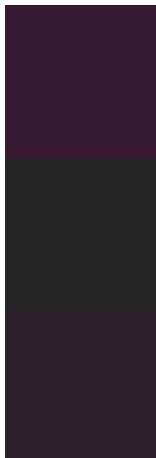
**Original Color**  
381932

**Protanomaly**  
262038

**Deuteranomaly**  
2A2031

**Tritanomaly**  
371C27

# Monochromacy



**Original Color**  
381932

**Achromatopsia**  
252525

**Achromatomaly**  
2C212A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 381932 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 #381932 looks like.

```
.text, #text, p{  
    color:#381932  
}
```

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 #381932 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #381932
}
```

## Border

The CSS property to change the border of an element to Hex 381932 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".

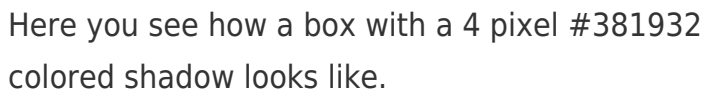
```
.border, #border, table{ border:4px solid
#381932 }
```

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

```
.border{ border-color:#381932 }
```

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

Here you see how a box with a 4 pixel #381932 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #381932; -webkit-box-shadow:4px 4px  
4px 4px #381932; box-shadow:4px 4px 4px  
4px #381932 }
```

# Background

The CSS property to change the background color of an element to Hex 381932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#381932 }
```

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

```
.background{ background-color:#381932 }
```

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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