

Converting Colors

Hex(36001B)

Have a look what the booklet for
Hex(36001B) contains.

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Color

Hex(36001B)

Conversions

Conversions Part 1

Format	Color
Hex	36001B
RGB	54, 0, 27
RGB Percent	21%, 0%, 11%
CMY	0.7882, 1.0000, 0.8941
CMYK	0.00, 1.00, 0.50, 0.79
HSL	330°, 100%, 11%
HSV	330°, 100%, 21%
XYZ	1.7192, 0.8634, 1.1130
YIQ	19.2240, 23.5170, 19.8450

Conversions

Conversions Part 2

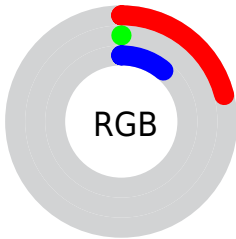
Format	Color
R_{YB}	54, 0, 27
Decimal	3538971
CIE Lab	7.80, 28.67, -2.37
CIE LCh	8, 28.765, 355.270
Yxy	0.8634, 0.4652, 0.2336
Android (android.graphics.Color)	4281729051 (0xFF36001B)
YUV	19.2240, 3.8336, 30.4986
Hunter-Lab	9.2919, 16.7643, -0.5972

Details

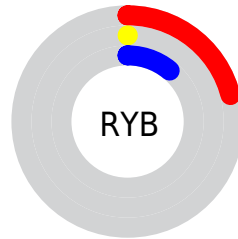
The Hex color **36001B** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **00361B**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **682F46**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **36001B**, and if you desaturate by 10%, it is **36051E**.

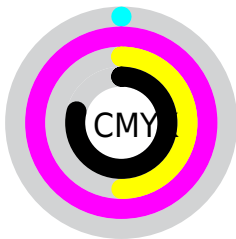
Distribution



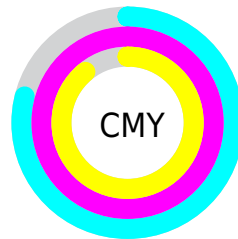
- Red (21%)
- Green (0%)
- Blue (11%)



- Red (21%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (79%)



- Cyan (79%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36001B 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 36001B by changing the saturation by 10% instead.

 36001B

 36001B

 FFE5FE

 210001

 682F46

 000000

 82465E

 9D5F76

 B97890

 D592AA

 F2ADC6

 FFC9E2

 36001B

■ 36051E

■ 360B20

■ 361023

■ 361626

■ 361B29

■ 36202B

■ 36262E

■ 362B31

■ 363133

Harmonies

Analogous

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



2A082D



36001B



370200

Triad

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



36001B



0C1B00



001F36

Complementary

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



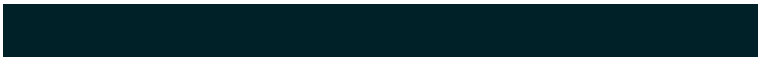
36001B



00361B

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.



002127



36001B



001F00

Square

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



36001B



211500



002113



001B3D

Rectangle

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



36001B



320800



002113



002032

Sweetspot

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



36001B



47323D



1B0036



24171D



A3A3A3



242424

Same Dimension

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



36001B



470024



360000



1C191B



5C002E



DB006E

Inverse Universe

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



36001B



470024



003636



1C191B



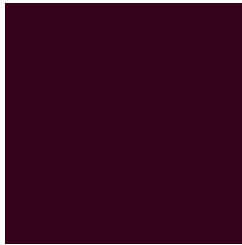
5C002E



DB006E

Previews

White Background



This preview shows how the Hex color 36001B looks on a white background.

Color Contrast Check

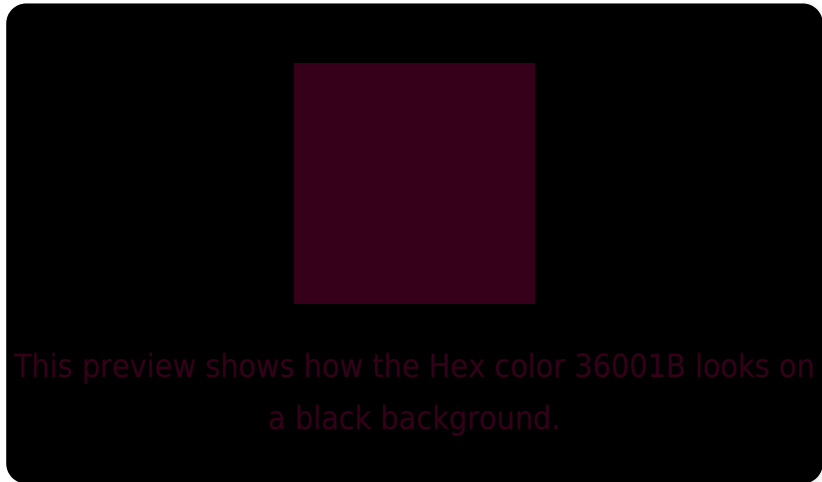
Large Text (above 18pt) WCAG AA ✓ Pass

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

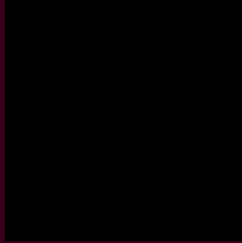
Any Text WCAG AA × Fail

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 36001B Background



This preview shows how black text looks on a background with the Hex color 36001B.



This preview shows how white text looks on a background with the Hex color 36001B.

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](#).

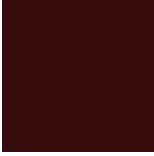
Dichromacy



Original Color
36001B

Protanopia
191C27

Deuteranopia
201B19



Tritanopia
350B0B

Trichromacy



Original Color
36001B

Protanomaly
241223

Deuteranomaly
28111A

Tritanomaly
350711

Monochromacy



Original Color
36001B

Achromatopsia
131313

Achromatomaly
200C16

CSS Examples

Text

The CSS property to change the color of the text to Hex 36001B 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 #36001B looks like.

```
.text, #text, p{  
    color:#36001B  
}
```

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 #36001B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36001B
}
```

Border

The CSS property to change the border of an element to Hex 36001B is called "border". The border property can be set on classes, ids or directly on the HTML element.

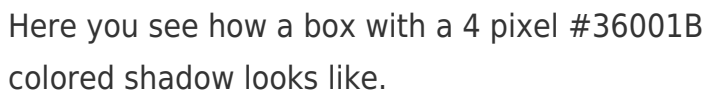
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#36001B }
```

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

```
.border{ border-color:#36001B }
```

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



Here you see how a box with a 4 pixel #36001B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36001B; -webkit-box-shadow:4px 4px  
4px 4px #36001B; box-shadow:4px 4px 4px  
4px #36001B }
```

Background

The CSS property to change the background color of an element to Hex 36001B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36001B }
```

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

```
.background{ background-color:#36001B }
```

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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