

Converting Colors

Hex(35002F)

Have a look what the booklet for
Hex(35002F) contains.

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Color

Hex(35002F)

Conversions

Conversions Part 1

Format	Color
Hex	35002F
RGB	53, 0, 47
RGB Percent	21%, 0%, 18%
CMY	0.7922, 1.0000, 0.8157
CMYK	0.00, 1.00, 0.11, 0.79
HSL	307°, 100%, 10%
HSV	307°, 100%, 21%
XYZ	1.9813, 0.9621, 2.7706
YIQ	21.2050, 16.5010, 25.8530

Conversions

Conversions Part 2

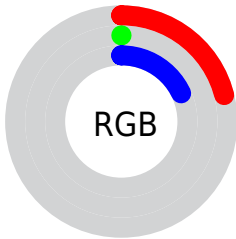
Format	Color
R_{YB}	53, 0, 47
Decimal	3473455
CIE _{Lab}	8.67, 31.26, -16.29
CIE _{LCh}	9, 35.251, 332.480
Yxy	0.9621, 0.3467, 0.1684
Android (android.graphics.Color)	4281663535 (0xFF35002F)
YUV	21.2050, 12.7169, 27.8842
Hunter-Lab	9.8088, 18.8901, -9.8810

Details

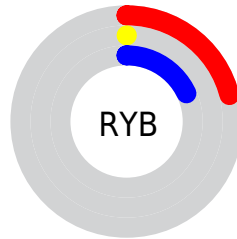
The Hex color **35002F** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **003506**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **66305D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **35002F**, and if you desaturate by 10%, it is **350530**.

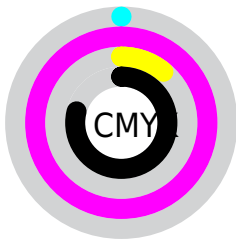
Distribution



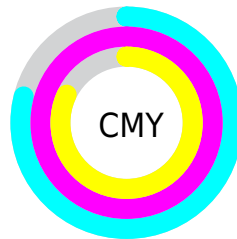
- Red (21%)
- Green (0%)
- Blue (18%)



- Red (21%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (11%)
- Black (79%)



- Cyan (79%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35002F 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 35002F by changing the saturation by 10% instead.

 35002F

 35002F

 FFE7FF

 21001B

 66305D

 000000

 804876

 9B6090

 B67AAA

 D294C6

 EFAFE2

 FFCBFE

 35002F

■ 350530

■ 350B30

■ 351031

■ 351531

■ 351B32

■ 352033

■ 352533

■ 352A34

■ 353034

Harmonies

Analogous

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



161141



35002F



3F0018

Triad

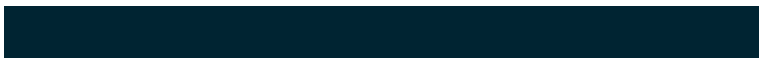
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35002F



1F1900



002432

Complementary

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



35002F



003506

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.



00241A



35002F



001F00

Square

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



35002F



310E00



002300



002143

Rectangle

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



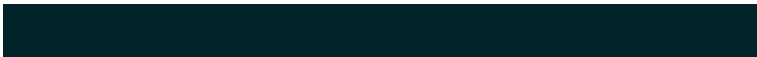
35002F



400001



002300



00242A

Sweetspot

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



35002F



453043



050035



241722



A3A3A3



242424

Same Dimension

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



35002F



45003D



350015



1A1719



59004F



D900C0

Inverse Universe

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



35002F



45003D



003520



1A1719



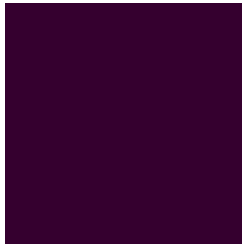
59004F



D900C0

Previews

White Background



This preview shows how the Hex color 35002F looks on a white background.

Color Contrast Check

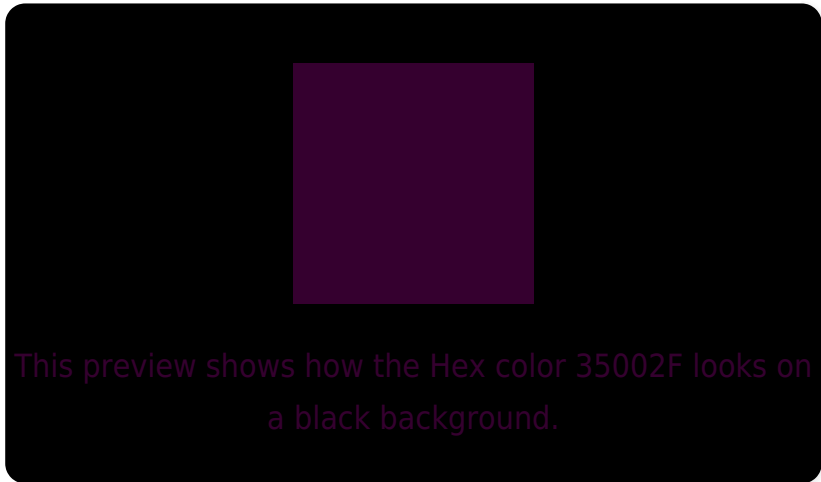
Large Text (above 18pt) WCAG AA ✓ Pass

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

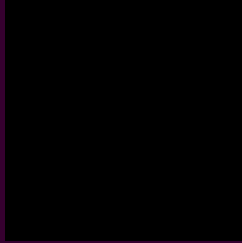
Any Text WCAG AA × Fail

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 35002F Background



This preview shows how black text looks on a background with the Hex color 35002F.



This preview shows how white text looks on a background with the Hex color 35002F.

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
35002F

Protanopia
001D3D

Deuteranopia
171D2C



Tritanopia
321214

Trichromacy



Original Color
35002F

Protanomaly
131238

Deuteranomaly
22122D

Tritanomaly
330B1E

Monochromacy



Original Color
35002F

Achromatopsia
151515

Achromatomaly
210D1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 35002F 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 #35002F looks like.

```
.text, #text, p{  
    color:#35002F  
}
```

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 #35002F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35002F
}
```

Border

The CSS property to change the border of an element to Hex 35002F 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".

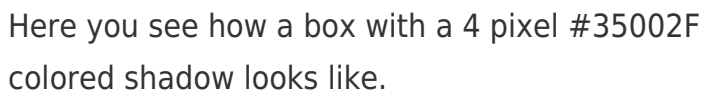
```
.border, #border, table{ border:4px solid
#35002F }
```

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

```
.border{ border-color:#35002F }
```

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

Here you see how a box with a 4 pixel #35002F colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35002F; -webkit-box-shadow:4px 4px  
4px 4px #35002F; box-shadow:4px 4px 4px  
4px #35002F }
```

Background

The CSS property to change the background color of an element to Hex 35002F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35002F }
```

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

```
.background{ background-color:#35002F }
```

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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