

Converting Colors

Hex(30022F)

Have a look what the booklet for
Hex(30022F) contains.

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Color

Hex(30022F)

Conversions

Conversions Part 1

Format	Color
Hex	30022F
RGB	48, 2, 47
RGB Percent	19%, 1%, 18%
CMY	0.8118, 0.9922, 0.8157
CMYK	0.00, 0.96, 0.02, 0.81
HSL	301°, 92%, 10%
HSV	301°, 96%, 19%
XYZ	1.7537, 0.8770, 2.7662
YIQ	20.8840, 12.9710, 23.7470

Conversions

Conversions Part 2

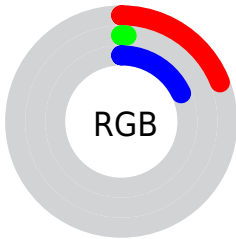
Format	Color
RYB	48, 2, 47
Decimal	3146287
CIELab	7.92, 29.01, -17.55
CIELCh	8, 33.905, 328.828
Yxy	0.8770, 0.3249, 0.1625
Android (android.graphics.Color)	4281336367 (0xFF30022F)
YUV	20.8840, 12.8752, 23.7807
Hunter-Lab	9.3650, 17.0378, -10.9572

Details

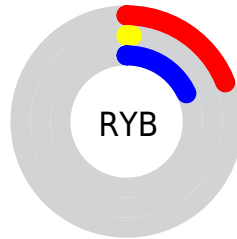
The Hex color **30022F** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **023003**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **60305D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **30002F**, and if you desaturate by 10%, it is **30072F**.

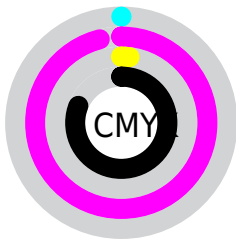
Distribution



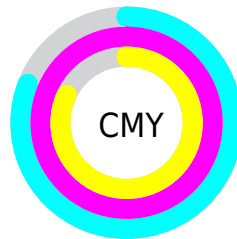
- Red (19%)
- Green (1%)
- Blue (18%)



- Red (19%)
- Yellow (1%)
- Blue (18%)



- Cyan (0%)
- Magenta (96%)
- Yellow (2%)
- Black (81%)



- Cyan (81%)
- Magenta (99%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30022F 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 30022F by changing the saturation by 10% instead.


 30022F

 30022F

 FFE7FF

 1B001A

 60305D

 000000

 7A4876

 946090

 AF7AAA

 CB94C6

 E8AFE2

 FFCAFE

 30022F

 30022F

■ 30002F

■ 30072F

■ 300C2F

■ 30102F

■ 30152F

■ 301A30

■ 301F30

■ 302430

■ 302830

■ 302D30

Harmonies

Analogous

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



0E123F



30022F



3C0019

Triad

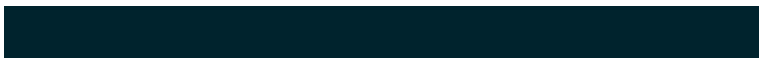
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30022F



201600



00232D

Complementary

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



30022F



023003

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.



002316



30022F



021D00

Square

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



30022F



300B00



002100



00203E

Rectangle

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



30022F



3D0004



002100



002325

Sweetspot

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



30022F



3D2B3D



030230



1F141E



9E9E9E



1F1F1F

Same Dimension

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



30022F



3D003C



300218



171517



570055



D600D2

Inverse Universe

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



30022F



3D003C



02301A



171517



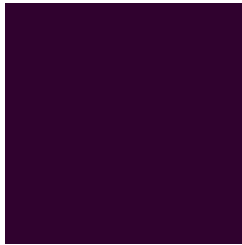
570055



D600D2

Previews

White Background



This preview shows how the Hex color 30022F looks on a white background.

Color Contrast Check

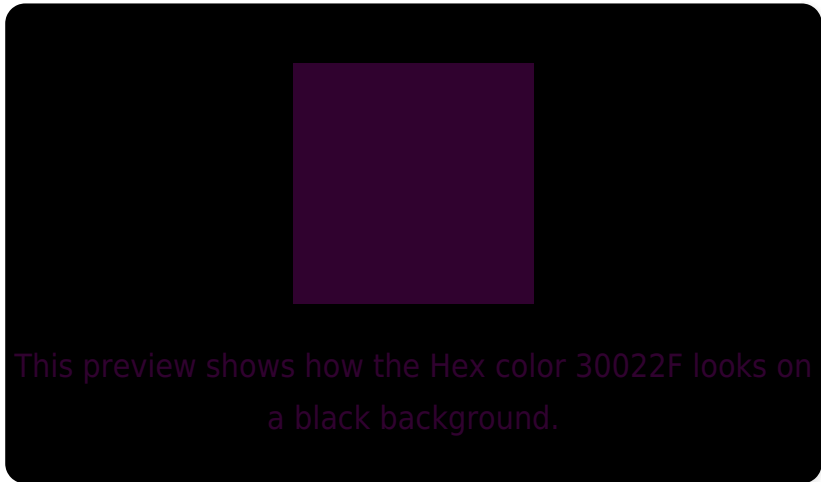
Large Text (above 18pt) WCAG AA ✓ Pass

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

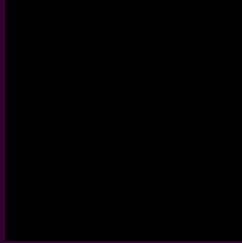
Any Text WCAG AA × Fail

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 30022F Background



This preview shows how black text looks on a background with the Hex color 30022F.



This preview shows how white text looks on a background with the Hex color 30022F.

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](#).

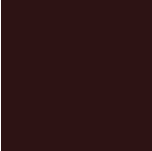
Dichromacy



Original Color
30022F

Protanopia
001A38

Deuteranopia
111B2C



Tritanopia
2D1314

Trichromacy



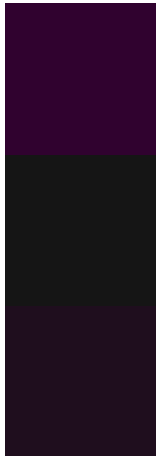
Original Color
30022F

Protanomaly
111135

Deuteranomaly
1C122D

Tritanomaly
2E0D1E

Monochromacy



Original Color
30022F

Achromatopsia
151515

Achromatomaly
1F0E1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 30022F 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 #30022F looks like.

```
.text, #text, p{  
    color:#30022F  
}
```

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 #30022F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30022F
}
```

Border

The CSS property to change the border of an element to Hex 30022F is called "border". The border property can be set on classes, ids or directly on the HTML element.

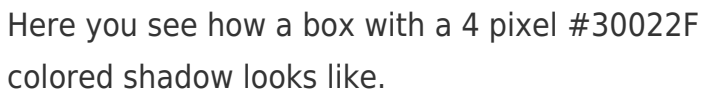
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#30022F }
```

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

```
.border{ border-color:#30022F }
```

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



Here you see how a box with a 4 pixel #30022F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30022F; -webkit-box-shadow:4px 4px  
4px 4px #30022F; box-shadow:4px 4px 4px  
4px #30022F }
```

Background

The CSS property to change the background color of an element to Hex 30022F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30022F }
```

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

```
.background{ background-color:#30022F }
```

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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