

Converting Colors

Hex(021A6D)

Have a look what the booklet for
Hex(021A6D) contains.

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Color

Hex(021A6D)

Conversions

Conversions Part 1

Format	Color
Hex	021A6D
RGB	2, 26, 109
RGB Percent	1%, 10%, 43%
CMY	0.9922, 0.8980, 0.5725
CMYK	0.98, 0.76, 0.00, 0.57
HSL	227°, 96%, 22%
HSV	227°, 98%, 43%
XYZ	3.1547, 1.8558, 14.6599
YIQ	28.2860, -40.9470, 20.7250

Conversions

Conversions Part 2

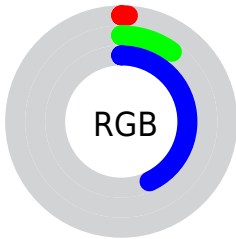
Format	Color
RYB	2, 22, 109
Decimal	137837
CIELab	14.71, 28.31, -49.56
CIELCh	15, 57.071, 299.737
Yxy	1.8558, 0.1604, 0.0943
Android (android.graphics.Color)	4278327917 (0xFF021A6D)
YUV	28.2860, 39.7920, -23.0528
Hunter-Lab	13.6229, 17.4966, -54.2676

Details

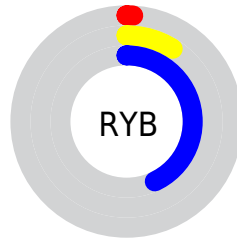
The Hex color **021A6D** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6D5502**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **4A45A2**, and **00023C** is the 20% darker color. If you saturate the color by 10%, you get **00186D**, and if you desaturate by 10%, it is **0D226D**.

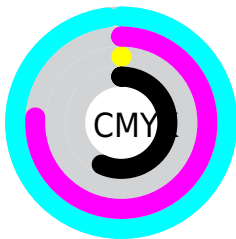
Distribution



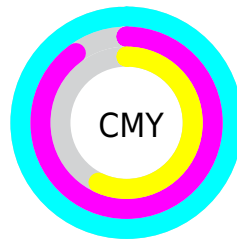
- Red (1%)
- Green (10%)
- Blue (43%)



- Red (1%)
- Yellow (9%)
- Blue (43%)



- Cyan (98%)
- Magenta (76%)
- Yellow (0%)
- Black (57%)



- Cyan (99%)
- Magenta (90%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 021A6D 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 021A6D by changing the saturation by 10% instead.

■ 021A6D

■ 021A6D

FFFEFF

■ 000454

■ 4A45A2

■ 00023C

■ 665DBD

■ 000225

■ 8176D9

■ 00010E

■ 9D90F6

■ 000000

■ BAAAFF

■ D6C6FF

■ F4E2FF

■ 021A6D

■ 021A6D

■ 00186D

■ 0D226D

■ 182B6D

■ 23336D

■ 2E3C6D

■ 39446D

■ 434D6D

■ 4E556D

■ 595E6D

■ 64666D

Harmonies

Analogous

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



002C78



021A6D



51004F

Triad

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



021A6D



4D0D00



003424

Complementary

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



021A6D



6D5502

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.



003200



021A6D



2F2400

Square

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



021A6D



610000



002D00



00344D

Rectangle

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



021A6D



610035



002D00



003315

Sweetspot

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



021A6D



656F8F



026D54



2E3447



C7C7C7



474747

Same Dimension

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



021A6D



00208F



1F026D



303136



001A75



0037F5

Inverse Universe

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



6D021A



8F0020



506D02



363031



75001A



F50037

Previews

White Background



This preview shows how the Hex color 021A6D looks on a white background.

Color Contrast Check

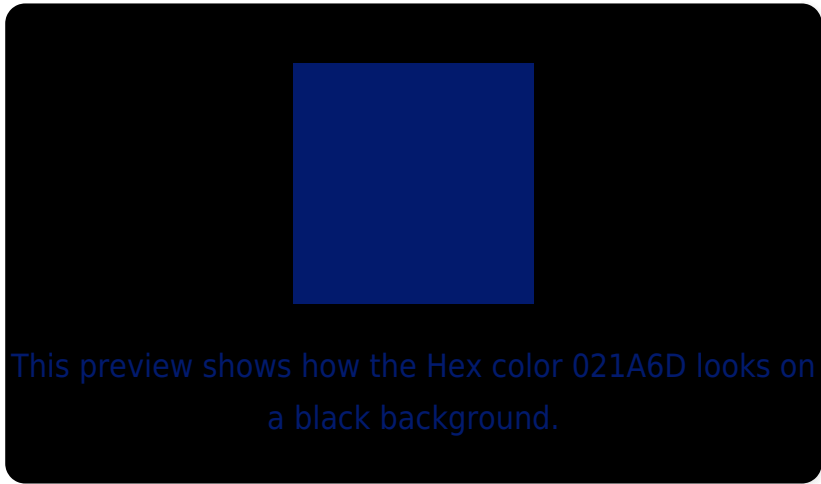
Large Text (above 18pt) WCAG AA ✓ Pass

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

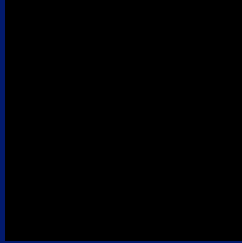
Any Text WCAG AA × Fail

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 021A6D Background



This preview shows how black text looks on a background with the Hex color 021A6D.



This preview shows how white text looks on a background with the Hex color 021A6D.

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
021A6D

Protanopia
00254E

Deuteranopia
002843



Tritanopia
002B2D

Trichromacy



Original Color
021A6D

Protanomaly
012159

Deuteranomaly
012352

Tritanomaly
012544

Monochromacy



Original Color
021A6D

Achromatopsia
1C1C1C

Achromatomaly
131B39

CSS Examples

Text

The CSS property to change the color of the text to Hex 021A6D 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 #021A6D looks like.

```
.text, #text, p{  
    color:#021A6D  
}
```

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 #021A6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #021A6D
}
```

Border

The CSS property to change the border of an element to Hex 021A6D 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
#021A6D }
```

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

```
.border{ border-color:#021A6D }
```

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

Here you see how a box with a 4 pixel #021A6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #021A6D; -webkit-box-shadow:4px 4px  
4px 4px #021A6D; box-shadow:4px 4px 4px  
4px #021A6D }
```

Background

The CSS property to change the background color of an element to Hex 021A6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#021A6D }
```

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

```
.background{ background-color:#021A6D }
```

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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