

Converting Colors

Hex(021A58)

Have a look what the booklet for
Hex(021A58) contains.

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Color

Hex(021A58)

Conversions

Conversions Part 1

Format	Color
Hex	021A58
RGB	2, 26, 88
RGB Percent	1%, 10%, 35%
CMY	0.9922, 0.8980, 0.6549
CMYK	0.98, 0.70, 0.00, 0.65
HSL	223°, 96%, 18%
HSV	223°, 98%, 35%
XYZ	2.1559, 1.4563, 9.4000
YIQ	25.8920, -34.2060, 14.1940

Conversions

Conversions Part 2

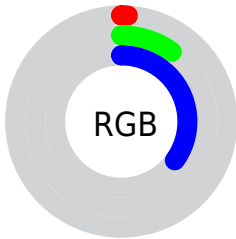
Format	Color
RYB	2, 21, 88
Decimal	137816
CIELab	12.33, 19.43, -39.55
CIELCh	12, 44.070, 296.168
Yxy	1.4563, 0.1657, 0.1119
Android (android.graphics.Color)	4278327896 (0xFF021A58)
YUV	25.8920, 30.6192, -20.9533
Hunter-Lab	12.0676, 10.7707, -37.7361

Details

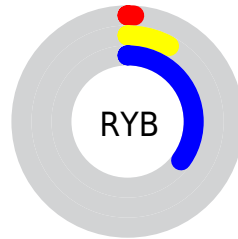
The Hex color **021A58** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **584002**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **42458B**, and **000329** is the 20% darker color. If you saturate the color by 10%, you get **001958**, and if you desaturate by 10%, it is **0B2058**.

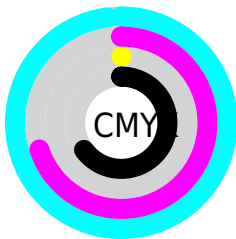
Distribution



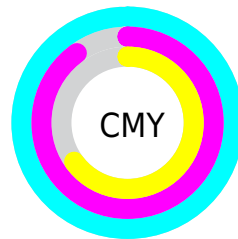
- Red (1%)
- Green (10%)
- Blue (35%)



- Red (1%)
- Yellow (8%)
- Blue (35%)



- Cyan (98%)
- Magenta (70%)
- Yellow (0%)
- Black (65%)



- Cyan (99%)
- Magenta (90%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 021A58 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 021A58 by changing the saturation by 10% instead.

021A58

021A58

FFFDFF

000040

42458B

000329

5C5CA5

000113

7775C1

000000

928EDD

AEA9FA

CAC4FF

E7E0FF

021A58

021A58

■ 001958

■ 0B2058

■ 142758

■ 1C2D58

■ 253358

■ 2E3A58

■ 374058

■ 404658

■ 484D58

■ 515358

Harmonies

Analogous

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



00265E



021A58



3F0043

Triad

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



021A58



430D00



002C1B

Complementary

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



021A58



584002

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.



002A00



021A58



2D1E00

Square

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



021A58



500001



0E2600



002D3A

Rectangle

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



021A58



4D0030



0E2600



002C10

Sweetspot

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



021A58



515B73



025840



262C3B



BABABA



3B3B3B

Same Dimension

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



021A58



002073



150258



27282B



001E6B



0041EB

Inverse Universe

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



58021A



730020



455802



2B2728



6B001E



EB0041

Previews

White Background



This preview shows how the Hex color 021A58 looks on a white background.

Color Contrast Check

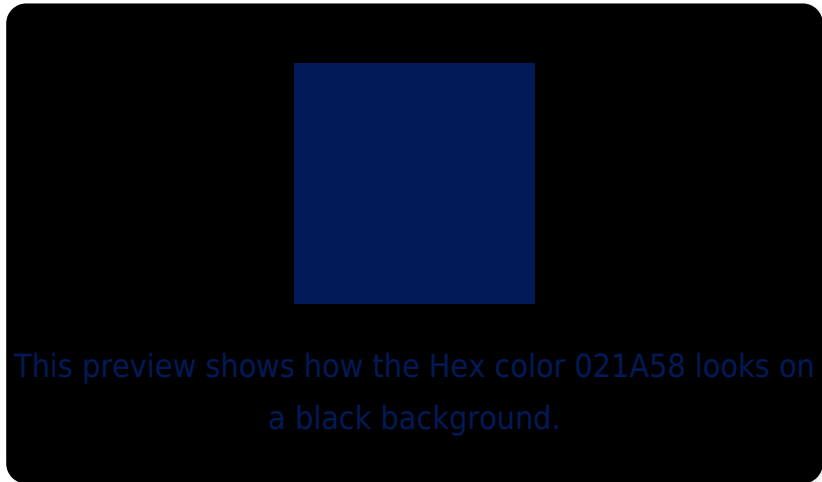
Large Text (above 18pt) WCAG AA ✓ Pass

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

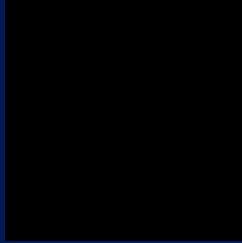
Any Text WCAG AA × Fail

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 021A58 Background



This preview shows how black text looks on a background with the Hex color 021A58.



This preview shows how white text looks on a background with the Hex color 021A58.

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
021A58

Protanopia
002044

Deuteranopia
00233A

Trichromacy



Original Color
021A58

Protanomaly
011E4B

Deuteranomaly
012045

Tritanomaly
012139

Monochromacy



Original Color
021A58

Achromatopsia
1A1A1A

Achromatomaly
111A31

CSS Examples

Text

The CSS property to change the color of the text to Hex 021A58 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 #021A58 looks like.

```
.text, #text, p{  
    color:#021A58  
}
```

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 #021A58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #021A58
}
```

Border

The CSS property to change the border of an element to Hex 021A58 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
#021A58 }
```

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

```
.border{ border-color:#021A58 }
```

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

Here you see how a box with a 4 pixel #021A58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #021A58; -webkit-box-shadow:4px 4px  
4px 4px #021A58; box-shadow:4px 4px 4px  
4px #021A58 }
```

Background

The CSS property to change the background color of an element to Hex 021A58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#021A58 }
```

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

```
.background{ background-color:#021A58 }
```

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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