

Converting Colors

Hex(022164)

Have a look what the booklet for
Hex(022164) contains.

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Color

Hex(022164)

Conversions

Conversions Part 1

Format	Color
Hex	022164
RGB	2, 33, 100
RGB Percent	1%, 13%, 39%
CMY	0.9922, 0.8706, 0.6078
CMYK	0.98, 0.67, 0.00, 0.61
HSL	221°, 96%, 20%
HSV	221°, 98%, 39%
XYZ	2.8691, 2.0207, 12.2954
YIQ	31.3690, -39.9830, 14.2650

Conversions

Conversions Part 2

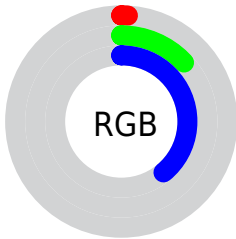
Format	Color
R_{YB}	2, 26, 100
Decimal	139620
CIE _{Lab}	15.60, 19.50, -42.19
CIE _{LCh}	16, 46.481, 294.798
Yxy	2.0207, 0.1670, 0.1176
Android (android.graphics.Color)	4278329700 (0xFF022164)
YUV	31.3690, 33.8351, -25.7566
Hunter-Lab	14.2152, 11.1512, -41.3321

Details

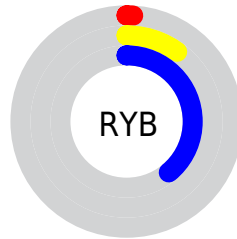
The Hex color **022164** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **644502**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **464D98**, and **000434** is the 20% darker color. If you saturate the color by 10%, you get **002064**, and if you desaturate by 10%, it is **0C2864**.

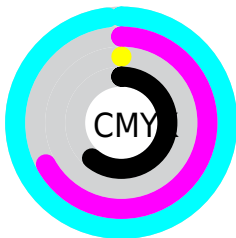
Distribution



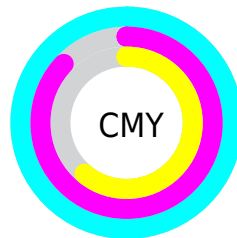
- Red (1%)
- Green (13%)
- Blue (39%)



- Red (1%)
- Yellow (10%)
- Blue (39%)



- Cyan (98%)
- Magenta (67%)
- Yellow (0%)
- Black (61%)



- Cyan (99%)
- Magenta (87%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 022164 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 022164 by changing the saturation by 10% instead.

■ 022164

■ 022164

FFFFFF

■ 000D4C

■ 464D98

■ 000434

■ 6164B3

■ 00021E

■ 7C7DCF

■ 000000

■ 9797EB

■ B3B2FF

■ D0CDFF

■ EDEAFF

■ 022164

■ 022164

■ 002064

■ 0C2864

■ 162F64

■ 203664

■ 2A3C64

■ 344364

■ 3E4A64

■ 485164

■ 525864

■ 5C5F64

Harmonies

Analogous

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



002D6A



022164



47074E

Triad

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



022164



4E1200



003320

Complementary

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



022164



644502

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.



003100



022164



362400

Square

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



022164



5C000C



162D00



003442

Rectangle

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



022164



570039



162D00



003314

Sweetspot

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



022164



5C6882



026445



2B3242



C2C2C2



424242

Same Dimension

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



022164



002982



140264



2E3033



002473



004DF2

Inverse Universe

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



640221



820029



526402



332E30



730024



F2004D

Previews

White Background



This preview shows how the Hex color 022164 looks on a white background.

Color Contrast Check

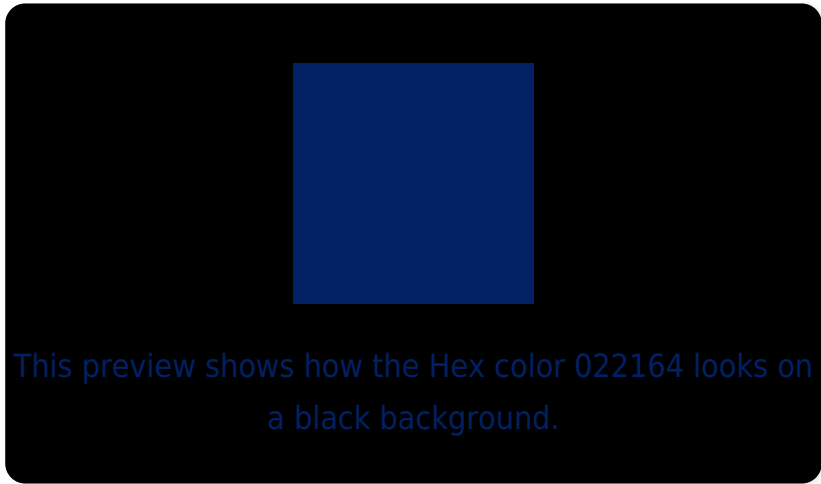
Large Text (above 18pt) WCAG AA ✓ Pass

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

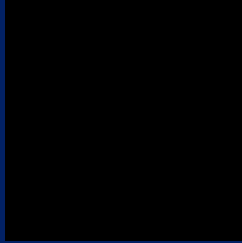
Any Text WCAG AA × Fail

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 022164 Background



This preview shows how black text looks on a background with the Hex color 022164.



This preview shows how white text looks on a background with the Hex color 022164.

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

022164

Protanopia

002752

Deuteranopia

002946

Trichromacy



Original Color
022164

Protanomaly
012559

Deuteranomaly
012651

Tritanomaly
012942

Monochromacy



Original Color
022164

Achromatopsia
1F1F1F

Achromatomaly
142038

CSS Examples

Text

The CSS property to change the color of the text to Hex 022164 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 #022164 looks like.

```
.text, #text, p{  
    color:#022164  
}
```

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 #022164 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #022164
}
```

Border

The CSS property to change the border of an element to Hex 022164 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
#022164 }
```

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

```
.border{ border-color:#022164 }
```

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

Here you see how a box with a 4 pixel #022164 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #022164; -webkit-box-shadow:4px 4px  
4px 4px #022164; box-shadow:4px 4px 4px  
4px #022164 }
```

Background

The CSS property to change the background color of an element to Hex 022164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#022164 }
```

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

```
.background{ background-color:#022164 }
```

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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