

Converting Colors

Hex(0224A2)

Have a look what the booklet for
Hex(0224A2) contains.

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Color

Hex(0224A2)

Conversions

Conversions Part 1

Format	Color
Hex	0224A2
RGB	2, 36, 162
RGB Percent	1%, 14%, 64%
CMY	0.9922, 0.8588, 0.3647
CMYK	0.99, 0.78, 0.00, 0.36
HSL	227°, 98%, 32%
HSV	227°, 99%, 64%
XYZ	7.1775, 3.8833, 34.5537
YIQ	40.1980, -60.7100, 31.9780

Conversions

Conversions Part 2

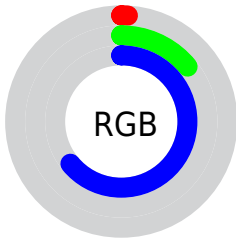
Format	Color
R_{YB}	2, 30, 162
Decimal	140450
CIE _{Lab}	23.28, 42.02, -68.69
CIE _{LCh}	23, 80.526, 301.456
Yxy	3.8833, 0.1574, 0.0851
Android (android.graphics.Color)	4278330530 (0xFF0224A2)
YUV	40.1980, 60.0484, -33.4996
Hunter-Lab	19.7061, 30.5290, -90.1680

Details

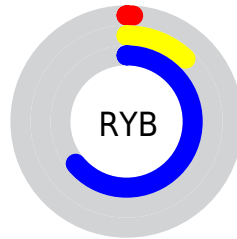
The Hex color **0224A2** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **A28002**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **5B52DA**, and **00006D** is the 20% darker color. If you saturate the color by 10%, you get **0022A2**, and if you desaturate by 10%, it is **1231A2**.

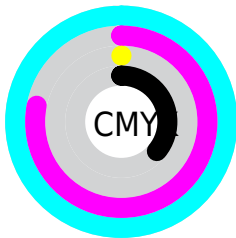
Distribution



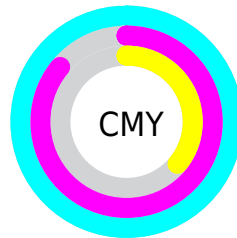
- Red (1%)
- Green (14%)
- Blue (64%)



- Red (1%)
- Yellow (12%)
- Blue (64%)



- Cyan (99%)
- Magenta (78%)
- Yellow (0%)
- Black (36%)



- Cyan (99%)
- Magenta (86%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0224A2 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 0224A2 by changing the saturation by 10% instead.

■ 0224A2

■ 0224A2

FFFFFF

■ 000F87

■ 5B52DA

■ 00006D

■ 7A6BF7

■ 000154

■ 9884FF

■ 00063B

■ B69FFF

■ 000225

■ D4BAFF

■ 00010D

■ F2D6FF

■ 000000

■ FFF2FF

■ 0224A2

■ 0224A2

■ 0022A2

■ 1231A2

■ 223EA2

■ 334AA2

■ 4357A2

■ 5364A2

■ 6371A2

■ 737DA2

■ 848AA2

■ 9497A2

Harmonies

Analogous

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



0042B5



0224A2



7C0073

Triad

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



0224A2



701300



004B39

Complementary

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



0224A2



A28002

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.



004900



0224A2



433700

Square

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



0224A2



8E0000



004400



004C76

Rectangle

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



0224A2



92004C



004400



004A24

Sweetspot

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



0224A2



94A2D4



02A27F



454D6B



EBEBEB



6B6B6B

Same Dimension

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



0224A2



002DD4



2F02A2



494B52



001F91



000412

Inverse Universe

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



A20224



D4002D



75A202



52494B



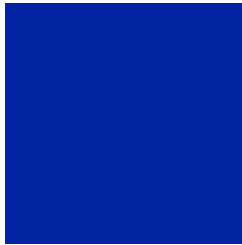
91001F



120004

Previews

White Background



This preview shows how the Hex color 0224A2 looks on a white background.

Color Contrast Check

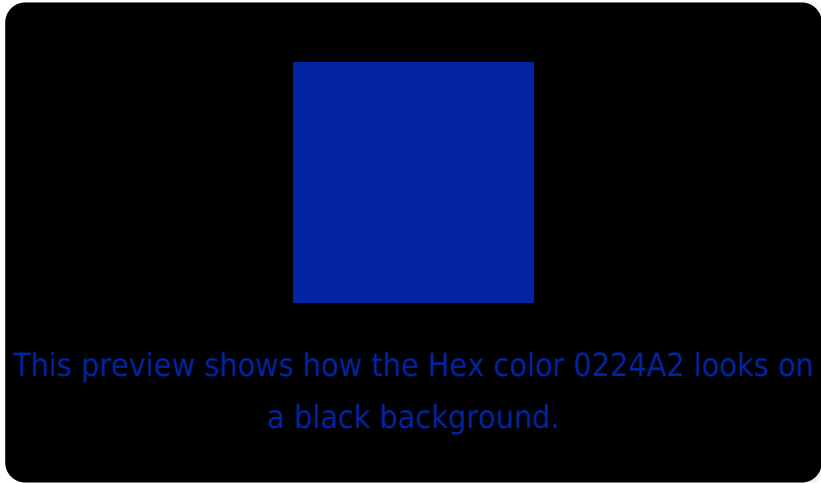
Large Text (above 18pt) WCAG AA ✓ Pass

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

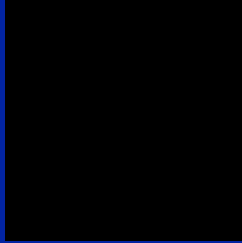
Any Text WCAG AA × Fail

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 0224A2 Background



This preview shows how black text looks on a background with the Hex color 0224A2.



This preview shows how white text looks on a background with the Hex color 0224A2.

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
0224A2

Protanopia
003672

Deuteranopia
003A61



Tritanopia
003F42

Trichromacy



Original Color
0224A2

Protanomaly
012F83

Deuteranomaly
013279

Tritanomaly
013565

Monochromacy



Original Color
0224A2

Achromatopsia
282828

Achromatomaly
1A2754

CSS Examples

Text

The CSS property to change the color of the text to Hex 0224A2 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 #0224A2 looks like.

```
.text, #text, p{  
    color:#0224A2  
}
```

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 #0224A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0224A2
}
```

Border

The CSS property to change the border of an element to Hex 0224A2 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
#0224A2 }
```

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

```
.border{ border-color:#0224A2 }
```

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

Here you see how a box with a 4 pixel #0224A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0224A2; -webkit-box-shadow:4px 4px  
4px 4px #0224A2; box-shadow:4px 4px 4px  
4px #0224A2 }
```

Background

The CSS property to change the background color of an element to Hex 0224A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0224A2 }
```

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

```
.background{ background-color:#0224A2 }
```

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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