

Converting Colors

Hex(5020A2)

Have a look what the booklet for
Hex(5020A2) contains.

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Color

Hex(5020A2)

Conversions

Conversions Part 1

Format	Color
Hex	5020A2
RGB	80, 32, 162
RGB Percent	31%, 13%, 64%
CMY	0.6863, 0.8745, 0.3647
CMYK	0.51, 0.80, 0.00, 0.36
HSL	262°, 67%, 38%
HSV	262°, 80%, 64%
XYZ	10.3464, 5.3471, 34.6692
YIQ	61.1720, -13.1220, 50.6060

Conversions

Conversions Part 2

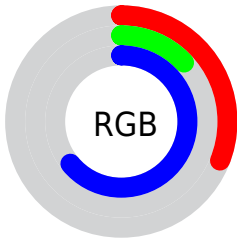
Format	Color
R _{YB}	80, 32, 162
Decimal	5251234
CIE Lab	27.70, 50.37, -61.22
CIE LCh	28, 79.279, 309.444
Yxy	5.3471, 0.2054, 0.1062
Android (android.graphics.Color)	4283441314 (0xFF5020A2)
YUV	61.1720, 49.7082, 16.5122
Hunter-Lab	23.1239, 39.3999, -72.7057

Details

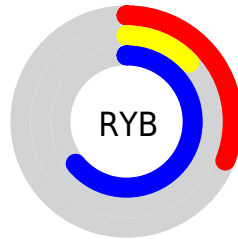
The Hex color **5020A2** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **72A220**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **8953DA**, and **07006D** is the 20% darker color. If you saturate the color by 10%, you get **4610A2**, and if you desaturate by 10%, it is **5A30A2**.

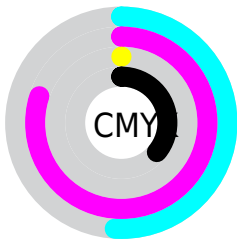
Distribution



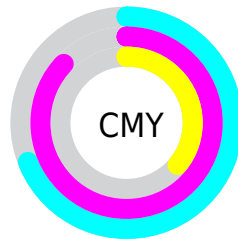
- Red (31%)
- Green (13%)
- Blue (64%)



- Red (31%)
- Yellow (13%)
- Blue (64%)



- Cyan (51%)
- Magenta (80%)
- Yellow (0%)
- Black (36%)



- Cyan (69%)
- Magenta (87%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5020A2 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 5020A2 by changing the saturation by 10% instead.

5020A2

5020A2

FFFFFF

320187

8953DA

07006D

A66DF7

000054

C387FF

00063B

E0A2FF

000225

FEBEFF

00010D

FFDAFF

000000

FFF7FF

5020A2

5020A2

■ 4610A2

■ 5A30A2

■ 3C00A2

■ 6440A2

■ 6F51A2

■ 7961A2

■ 8371A2

■ 8D81A2

■ 9891A2

■ A2A2A2

■ ACB2A2

Harmonies

Analogous

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



0046BE



5020A2



92006E

Triad

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



5020A2



722D00



005754

Complementary

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



5020A2



72A220

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.



005510



5020A2



404600

Square

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



5020A2



950000



005000



00578F

Rectangle

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



5020A2



A20046



005000



00563F

Sweetspot

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



5020A2



B4A1D4



2072A2



584C6B



EBEBEB



6B6B6B

Same Dimension

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



5020A2



5308D4



9120A2



4C4952



360091



070012

Inverse Universe

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



A22072



D40889



31A220



52494F



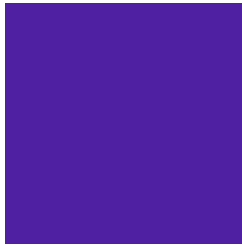
91005C



12000B

Previews

White Background



This preview shows how the Hex color 5020A2 looks on a white background.

Color Contrast Check

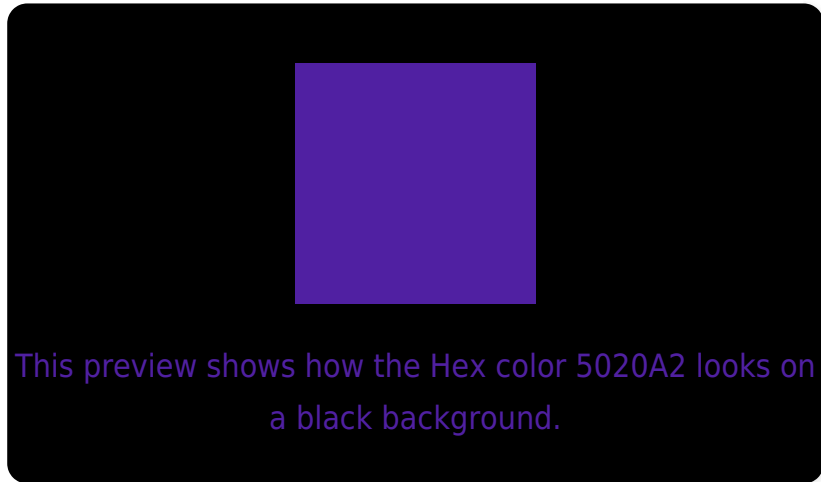
Large Text (above 18pt) WCAG AA ✓ Pass

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

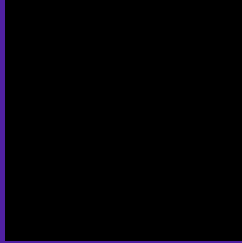
Any Text WCAG AA × Fail

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 5020A2 Background



This preview shows how black text looks on a background with the Hex color 5020A2.



This preview shows how white text looks on a background with the Hex color 5020A2.

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](#).

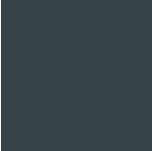
Dichromacy



Original Color
5020A2

Protanopia
004086

Deuteranopia
004473



Tritanopia
36444A

Trichromacy



Original Color
5020A2



Protanomaly
1D3490



Deuteranomaly
1D3784



Tritanomaly
3F376A

Monochromacy



Original Color
5020A2



Achromatopsia
3D3D3D



Achromatomaly
443262

CSS Examples

Text

The CSS property to change the color of the text to Hex 5020A2 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 #5020A2 looks like.

```
.text, #text, p{  
    color:#5020A2  
}
```

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 #5020A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5020A2
}
```

Border

The CSS property to change the border of an element to Hex 5020A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

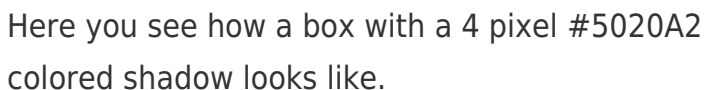
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5020A2 }
```

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

```
.border{ border-color:#5020A2 }
```

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



Here you see how a box with a 4 pixel #5020A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5020A2; -webkit-box-shadow:4px 4px  
4px 4px #5020A2; box-shadow:4px 4px 4px  
4px #5020A2 }
```

Background

The CSS property to change the background color of an element to Hex 5020A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5020A2 }
```

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

```
.background{ background-color:#5020A2 }
```

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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