

Converting Colors

Hex(020A85)

Have a look what the booklet for
Hex(020A85) contains.

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Color

Hex(020A85)

Conversions

Conversions Part 1

Format	Color
Hex	020A85
RGB	2, 10, 133
RGB Percent	1%, 4%, 52%
CMY	0.9922, 0.9608, 0.4784
CMYK	0.98, 0.92, 0.00, 0.48
HSL	236°, 97%, 26%
HSV	236°, 98%, 52%
XYZ	4.3672, 1.9234, 22.3314
YIQ	21.6300, -44.2510, 36.5570

Conversions

Conversions Part 2

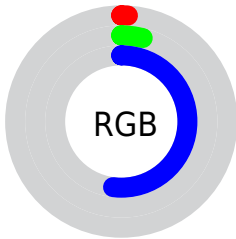
Format	Color
R _Y B	2, 10, 133
Decimal	133765
CIE Lab	15.08, 45.12, -64.36
CIE LCh	15, 78.599, 305.032
Yxy	1.9234, 0.1526, 0.0672
Android (android.graphics.Color)	4278323845 (0xFF020A85)
YUV	21.6300, 54.9054, -17.2155
Hunter-Lab	13.8688, 31.9382, -85.7597

Details

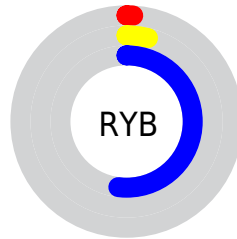
The Hex color **020A85** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **857D02**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **543ABC**, and **000052** is the 20% darker color. If you saturate the color by 10%, you get **000885**, and if you desaturate by 10%, it is **0F1685**.

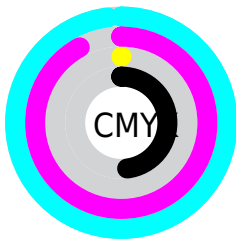
Distribution



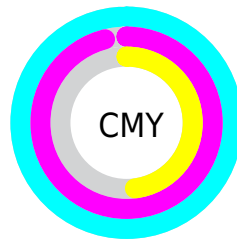
- Red (1%)
- Green (4%)
- Blue (52%)



- Red (1%)
- Yellow (4%)
- Blue (52%)



- Cyan (98%)
- Magenta (92%)
- Yellow (0%)
- Black (48%)



- Cyan (99%)
- Magenta (96%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 020A85 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 020A85 by changing the saturation by 10% instead.


 020A85

 020A85

 FFF4FF

 00006B


 543ABC

 000052

 7252D8

 00053A

 8F6CF5

 000223

 AC85FF

 00000A

 C9A0FF

 000000

 E7BBFF

 FFD7FF

 020A85

 020A85

000885

0F1685

1D2385

2A2F85

373C85

454885

525585

5F6185

6C6E85

7A7A85

Harmonies

Analogous

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



002F9B



020A85



680056

Triad

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



020A85



530600



00362F

Complementary

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



020A85



857D02

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.



003500



020A85



282800

Square

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



020A85



700000



003200



003967

Rectangle

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



020A85



790032



003200



00361B

Sweetspot

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



020A85



797DAD



02857C



373957



D6D6D6



575757

Same Dimension

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



020A85



000BAD



3B0285



3C3C42



000882



000003

Inverse Universe

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



85020A



AD000B



4C8502



423C3C



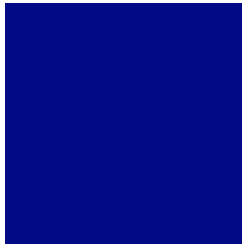
820008



030000

Previews

White Background



This preview shows how the Hex color 020A85 looks on a white background.

Color Contrast Check

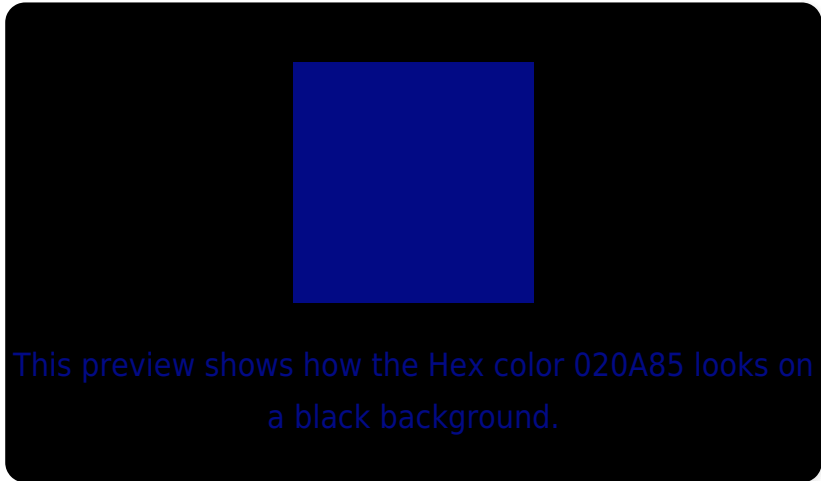
Large Text (above 18pt) WCAG AA ✓ Pass

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

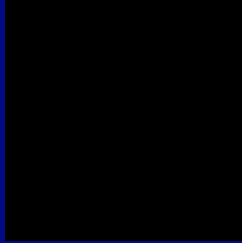
Any Text WCAG AA × Fail

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 020A85 Background



This preview shows how black text looks on a background with the Hex color 020A85.



This preview shows how white text looks on a background with the Hex color 020A85.

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
020A85

Protanopia
002753

Deuteranopia
002A46

Trichromacy



Original Color
020A85

Protanomaly
011C65

Deuteranomaly
011E5D

Monochromacy



Original Color
020A85

Achromatopsia
161616

Achromatomaly
0F123E

CSS Examples

Text

The CSS property to change the color of the text to Hex 020A85 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 #020A85 looks like.

```
.text, #text, p{  
    color:#020A85  
}
```

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 #020A85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #020A85
}
```

Border

The CSS property to change the border of an element to Hex 020A85 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".

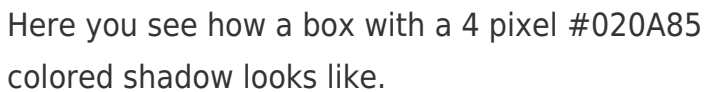
```
.border, #border, table{ border:4px solid
#020A85 }
```

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

```
.border{ border-color:#020A85 }
```

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

Here you see how a box with a 4 pixel #020A85 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #020A85; -webkit-box-shadow:4px 4px  
4px 4px #020A85; box-shadow:4px 4px 4px  
4px #020A85 }
```

Background

The CSS property to change the background color of an element to Hex 020A85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#020A85 }
```

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

```
.background{ background-color:#020A85 }
```

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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