

Converting Colors

Hex(2C0A66)

Have a look what the booklet for
Hex(2C0A66) contains.

Hex(2C0A66)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2C0A66)

Conversions

Conversions Part 1

Format	Color
Hex	2C0A66
RGB	44, 10, 102
RGB Percent	17%, 4%, 40%
CMY	0.8275, 0.9608, 0.6000
CMYK	0.57, 0.90, 0.00, 0.60
HSL	262°, 82%, 22%
HSV	262°, 90%, 40%
XYZ	3.5455, 1.7119, 12.7139
YIQ	30.6540, -9.2680, 35.8200

Conversions

Conversions Part 2

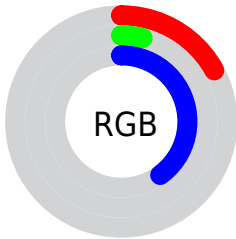
Format	Color
R_{YB}	44, 10, 102
Decimal	2886246
CIE _{Lab}	13.90, 38.20, -46.21
CIE _{LCh}	14, 59.956, 309.581
Yxy	1.7119, 0.1973, 0.0953
Android (android.graphics.Color)	4281076326 (0xFF2C0A66)
YUV	30.6540, 35.1736, 11.7044
Hunter-Lab	13.0838, 25.4741, -48.4551




Details

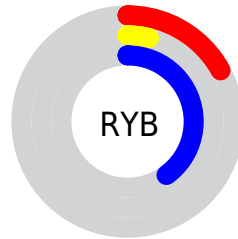
The Hex color **2C0A66** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **44660A**, and the grayscale version is **1E1E1E**.




A 20% lighter version of the original color is **623A9A**, and **000036** is the 20% darker color. If you saturate the color by 10%, you get **260066**, and if you desaturate by 10%, it is **321466**.

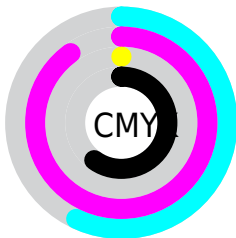
Distribution







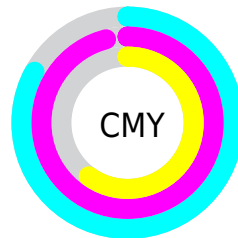
-  Red (17%)
-  Green (4%)
-  Blue (40%)






-  Red (17%)
-  Yellow (4%)
-  Blue (40%)



-  Cyan (57%)
-  Magenta (90%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (83%)
-  Magenta (96%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C0A66 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 2C0A66 by changing the saturation by 10% instead.

 2C0A66

 2C0A66


 FFF4FF

 0F004D

 623A9A

 000036

 7C52B5

 00021F

 986BD1

 000003

 B485EE

 000000

 D0A0FF

 EDBBFF

 FFD7FF

 2C0A66

 2C0A66

■ 260066

■ 321466

■ 391E66

■ 3F2966

■ 463366

■ 4C3D66

■ 534766

■ 595166

■ 5F5C66

■ 666666

Harmonies

Analogous

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



002779



2C0A66



5B0042

Triad

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



2C0A66



431500



003330

Complementary

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



2C0A66



44660A

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.



003200



2C0A66



212600

Square

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



2C0A66



5C0000



002E00



003359

Rectangle

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



2C0A66



650026



002E00



003322

Sweetspot

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



2C0A66



6E6185



0A4466



352D42



C2C2C2



424242

Same Dimension

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



2C0A66



310085



5A0A66



302E33



2A0073



5A00F2

Inverse Universe

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



660A44



850054



16660A



332E31



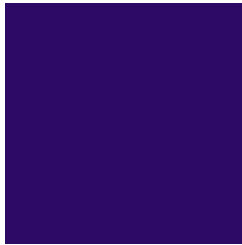
730048



F20099

Previews

White Background



This preview shows how the Hex color 2C0A66 looks on a white background.

Color Contrast Check

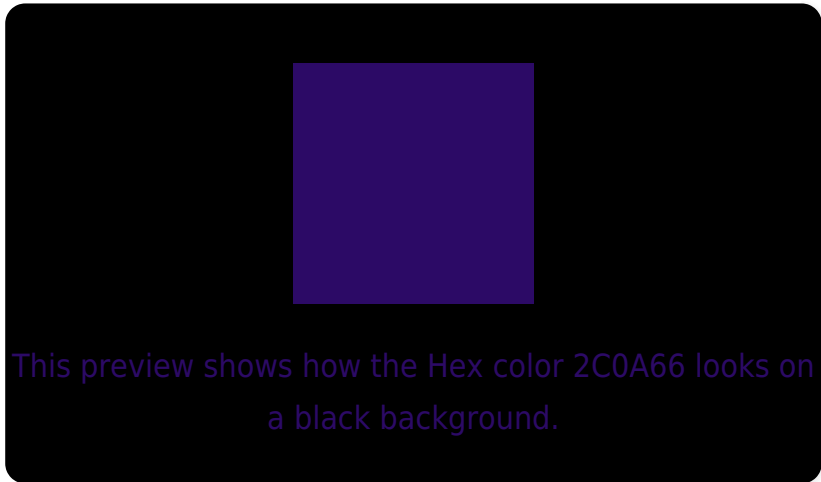
Large Text (above 18pt) WCAG AA ✓ Pass

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

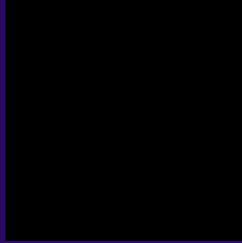
Any Text WCAG AA × Fail

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 2C0A66 Background



This preview shows how black text looks on a background with the Hex color 2C0A66.



This preview shows how white text looks on a background with the Hex color 2C0A66.

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
2C0A66

Protanopia
00244C

Deuteranopia
002741



Tritanopia
16282C

Trichromacy



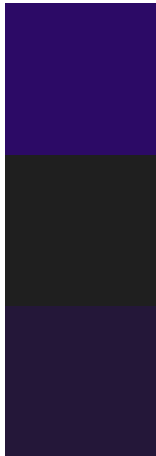
Original Color
2C0A66

Protanomaly
101B55

Deuteranomaly
101C4E

Tritanomaly
1E1D41

Monochromacy



Original Color
2C0A66

Achromatopsia
1F1F1F

Achromatomaly
241739

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C0A66 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 #2C0A66 looks like.

```
.text, #text, p{  
    color:#2C0A66  
}
```

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 #2C0A66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C0A66  
}
```

Border

The CSS property to change the border of an element to Hex 2C0A66 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  
#2C0A66 }
```

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

```
.border{ border-color:#2C0A66 }
```

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

Here you see how a box with a 4 pixel #2C0A66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C0A66; -webkit-box-shadow:4px 4px  
4px 4px #2C0A66; box-shadow:4px 4px 4px  
4px #2C0A66 }
```

Background

The CSS property to change the background color of an element to Hex 2C0A66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C0A66 }
```

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

```
.background{ background-color:#2C0A66 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor