

Converting Colors

Hex(342061)

Have a look what the booklet for
Hex(342061) contains.

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Color

Hex(342061)

Conversions

Conversions Part 1

Format	Color
Hex	342061
RGB	52, 32, 97
RGB Percent	20%, 13%, 38%
CMY	0.7961, 0.8745, 0.6196
CMYK	0.46, 0.67, 0.00, 0.62
HSL	258°, 50%, 25%
HSV	258°, 67%, 38%
XYZ	4.0904, 2.6262, 11.6006
YIQ	45.3900, -8.9450, 24.4550

Conversions

Conversions Part 2

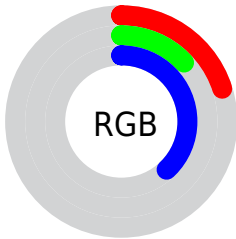
Format	Color
R_{YB}	52, 32, 97
Decimal	3416161
CIE _{Lab}	18.48, 26.60, -35.37
CIE _{LCh}	18, 44.251, 306.946
Yxy	2.6262, 0.2233, 0.1434
Android (android.graphics.Color)	4281606241 (0xFF342061)
YUV	45.3900, 25.4437, 5.7970
Hunter-Lab	16.2054, 16.6951, -31.0987

Details

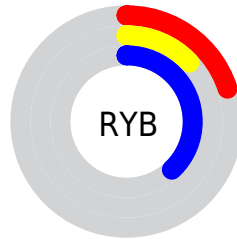
The Hex color **342061** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4D6120**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **674D94**, and **030032** is the 20% darker color. If you saturate the color by 10%, you get **2D1661**, and if you desaturate by 10%, it is **3B2A61**.

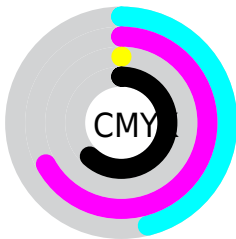
Distribution



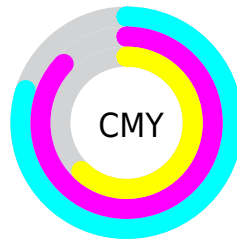
- Red (20%)
- Green (13%)
- Blue (38%)



- Red (20%)
- Yellow (13%)
- Blue (38%)



- Cyan (46%)
- Magenta (67%)
- Yellow (0%)
- Black (62%)



- Cyan (80%)
- Magenta (87%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342061 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 342061 by changing the saturation by 10% instead.

■ 342061

■ 342061

FFFFFF

■ 1B0B49

■ 674D94

■ 030032

■ 8166AF

■ 00011C

■ 9C7FCB

■ 000000

■ B799E7

■ D3B4FF

■ F0D0FF

■ FFECFF

■ 342061

■ 342061

■ 2D1661

■ 3B2A61

■ 270D61

■ 413361

■ 200361

■ 483D61

■ 1E0061

■ 4F4761

■ 565161

■ 5C5A61

■ 636461

■ 6A6E61

■ 707761

Harmonies

Analogous

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



002F6E



342061



570647

Triad

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



342061



4C2100



003A34

Complementary

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



342061



4D6120

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.



003912



342061



322E00

Square

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



342061



5E0C04



0E3500



003A53

Rectangle

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



342061



610032



0E3500



003A29

Sweetspot

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



342061



6C647D



204D61



353040



BFBFBF



404040

Same Dimension

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



342061



38197D



542061



2D2C30



230070



4A00F0

Inverse Universe

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



61204D



7D195E



2D6120



302C2F



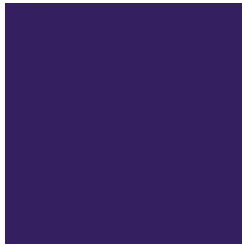
70004E



F000A6

Previews

White Background



This preview shows how the Hex color 342061 looks on a white background.

Color Contrast Check

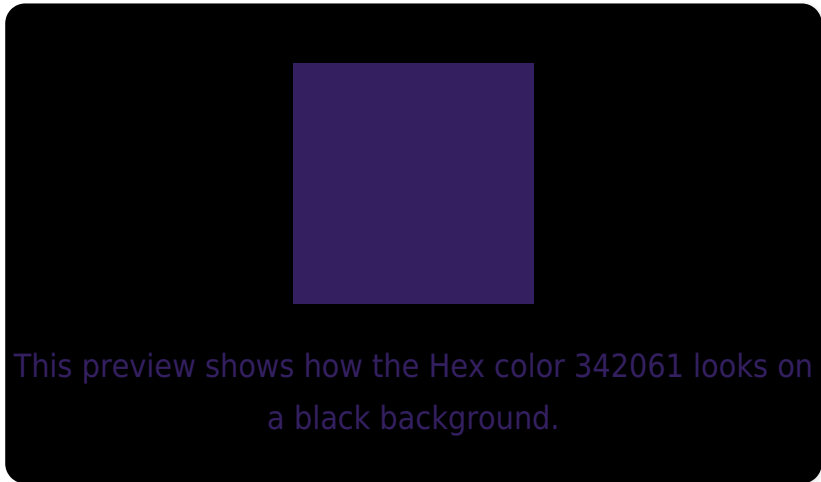
Large Text (above 18pt) WCAG AA ✓ Pass

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

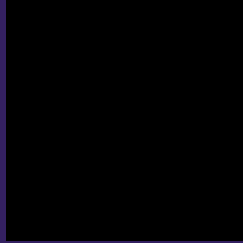
Any Text WCAG AA × Fail

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 342061 Background



This preview shows how black text looks on a background with the Hex color 342061.



This preview shows how white text looks on a background with the Hex color 342061.

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
342061

Protanopia
002C5D

Deuteranopia
002F51



Tritanopia
282F32

Trichromacy



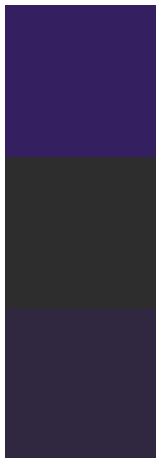
Original Color
342061

Protanomaly
13285E

Deuteranomaly
132A57

Tritanomaly
2C2A43

Monochromacy



Original Color
342061

Achromatopsia
2D2D2D

Achromatomaly
302840

CSS Examples

Text

The CSS property to change the color of the text to Hex 342061 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 #342061 looks like.

```
.text, #text, p{  
    color:#342061  
}
```

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 #342061 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342061
}
```

Border

The CSS property to change the border of an element to Hex 342061 is called "border". The border property can be set on classes, ids or directly on the HTML element.

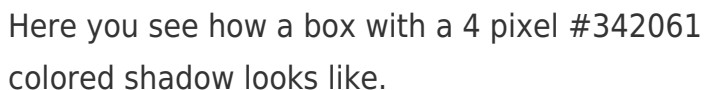
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#342061 }
```

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

```
.border{ border-color:#342061 }
```

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



Here you see how a box with a 4 pixel #342061 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342061; -webkit-box-shadow:4px 4px  
4px 4px #342061; box-shadow:4px 4px 4px  
4px #342061 }
```

Background

The CSS property to change the background color of an element to Hex 342061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342061 }
```

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

```
.background{ background-color:#342061 }
```

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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