

# Converting Colors

Hex(341366)

Have a look what the booklet for  
Hex(341366) contains.

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# Color

**Hex(341366)**

# Conversions

Conversions Part 1	
Format	Color
Hex	341366
RGB	52, 19, 102
RGB Percent	20%, 7%, 40%
CMY	0.7961, 0.9255, 0.6000
CMYK	0.49, 0.81, 0.00, 0.60
HSL	264°, 69%, 24%
HSV	264°, 81%, 40%
XYZ	4.0473, 2.1551, 12.7730
YIQ	38.3290, -6.9750, 32.8090

# Conversions

## Conversions Part 2

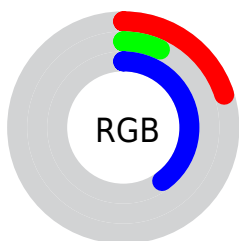
Format	Color
<a href="#">RYB</a>	<a href="#">52, 19, 102</a>
Decimal	<a href="#">3412838</a>
CIELab	<a href="#">16.28, 35.46, -42.25</a>
CIELCh	<a href="#">16, 55.156, 310.006</a>
Yxy	<a href="#">2.1551, 0.2133, 0.1136</a>
Android (android.graphics.Color)	<a href="#">4281602918</a> (0xFF341366)
YUV	<a href="#">38.3290, 31.3898, 11.9895</a>
Hunter-Lab	<a href="#">14.6803, 23.5213, -41.3107</a>

# Details

The Hex color **341366** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **456613**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **68429A**, and **000036** is the 20% darker color. If you saturate the color by 10%, you get **2E0966**, and if you desaturate by 10%, it is **3A1D66**.

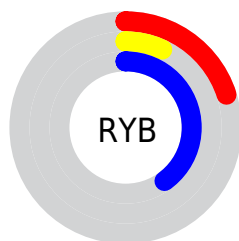
# Distribution



Red (20%)

Green (7%)

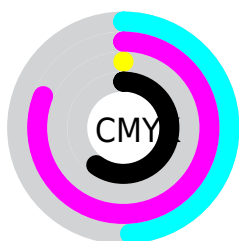
Blue (40%)



Red (20%)

Yellow (7%)

Blue (40%)

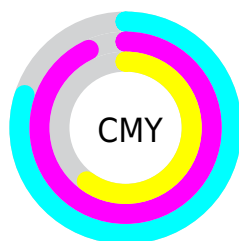


Cyan (49%)

Magenta (81%)

Yellow (0%)

Black (60%)



Cyan (80%)

Magenta (93%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 341366 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 341366 by changing the saturation by 10% instead.



 341366

 341366

 FFFCFF

 19004D

 68429A

 000036

 835AB5

 000220

 9E73D1

 000003

 BA8DED

 000000

 D6A8FF

 F3C3FF

 FFE0FF

 341366

 341366

 2E0966

 3A1D66

 290066

 402766

 463266

 4D3C66

 534666

 595066

 5F5A66

 656566

 6B6F66

# Harmonies

## Analogous

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



002B78



341366



5D0044

# Triad

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



341366



481C00



003735

# Complementary

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



341366



456613

# 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.



003609



341366



272B00

# Square

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



341366



5F0000



003200



00375B

# Rectangle

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



341366



67002A



003200



003727



# Sweetspot

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



341366



716585



134666



372F42



C2C2C2



424242



# Same Dimension

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



341366



360385



5C1366



302E33



2E0073



6000F2



# Inverse Universe

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



661345



850351



1D6613



332E31



730045



F20092



# Previews

## White Background



This preview shows how the Hex color 341366 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



This preview shows how the Hex color 341366 looks on a 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 341366 Background



This preview shows how black text looks on a background with the Hex color 341366.



This preview shows how white text looks on a background with the Hex color 341366.

# 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**

341366

**Protanopia**

002855

**Deuteranopia**

002B49



# Tritanopia

## 252B2E

# Trichromacy



**Original Color**

341366



**Protanomaly**

13205B



**Deuteranomaly**

132254



**Tritanomaly**

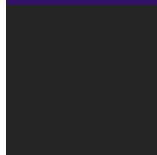
2A2242

# Monochromacy



**Original Color**

341366



**Achromatopsia**

262626



**Achromatomaly**

2B1F3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 341366 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 #341366 looks like.

```
.text, #text, p{  
    color:#341366  
}
```

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 #341366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #341366
}
```

## Border

The CSS property to change the border of an element to Hex 341366 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
#341366 }
```

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

```
.border{ border-color:#341366 }
```

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

Here you see how a box with a 4 pixel #341366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #341366; -webkit-box-shadow:4px 4px  
4px 4px #341366; box-shadow:4px 4px 4px  
4px #341366 }
```

# Background

The CSS property to change the background color of an element to Hex 341366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#341366 }
```

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

```
.background{ background-color:#341366 }
```

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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