

# Converting Colors

Hex(362A6C)

Have a look what the booklet for  
Hex(362A6C) contains.

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# Color

Hex(362A6C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	362A6C
RGB	54, 42, 108
RGB Percent	21%, 16%, 42%
CMY	0.7882, 0.8353, 0.5765
CMYK	0.50, 0.61, 0.00, 0.58
HSL	251°, 44%, 29%
HSV	251°, 61%, 42%
XYZ	5.0561, 3.5229, 14.6009
YIQ	53.1120, -14.0340, 23.0700

# Conversions

## Conversions Part 2

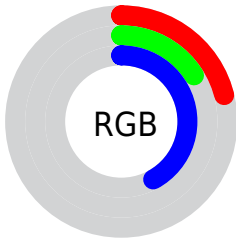
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 42, 108
Decimal	3549804
CIELab	22.03, 24.14, -36.81
CIELCh	22, 44.013, 303.255
Yxy	3.5229, 0.2181, 0.1520
Android (android.graphics.Color)	4281739884 (0xFF362A6C)
YUV	53.1120, 27.0598, 0.7788
Hunter-Lab	18.7694, 15.2374, -32.9835

# Details

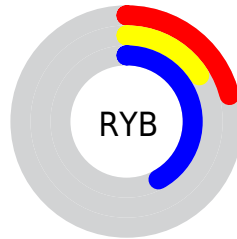
The Hex color **362A6C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **606C2A**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **6958A0**, and **04003C** is the 20% darker color. If you saturate the color by 10%, you get **2D1F6C**, and if you desaturate by 10%, it is **3F356C**.

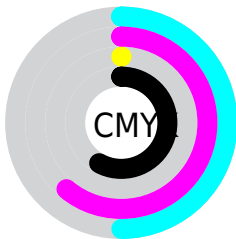
# Distribution



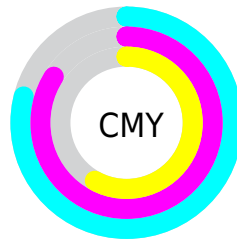
- Red (21%)
- Green (16%)
- Blue (42%)



- Red (21%)
- Yellow (16%)
- Blue (42%)



- Cyan (50%)
- Magenta (61%)
- Yellow (0%)
- Black (58%)



- Cyan (79%)
- Magenta (84%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 362A6C 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 362A6C by changing the saturation by 10% instead.



 362A6C

 362A6C

FFFFFF

 1C1553

 6958A0

 04003C

 8470BB

 000225

 9F8AD7

 00010E

 BAA4F4

 000000

 D7C0FF

 F3DCFF

 FFF8FF

 362A6C

 362A6C

■ 2D1F6C

■ 3F356C

■ 24146C

■ 48406C

■ 1B0A6C

■ 514A6C

■ 14006C

■ 59556C

■ 62606C

■ 6B6B6C

■ 74766C

■ 7D806C

■ 868B6C

# Harmonies

## Analogous

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



003877



362A6C



5D1653

# Triad

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



362A6C



582700



004238

# Complementary

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



362A6C



606C2A

# 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.



004115



362A6C



3F3500

# Square

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



362A6C



691413



1E3D00



004258

# Rectangle

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



362A6C



69073E



1E3D00



00422C



# Sweetspot

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



362A6C



78738C



2A616C



3B3847



C7C7C7



474747



# Same Dimension

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



362A6C



38268C



562A6C



313036



150075



2D00F5



# Inverse Universe

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



6C2A60



8C267A



406C2A



363035



750060



F500C8



# Previews

## White Background



This preview shows how the Hex color 362A6C 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 362A6C Background



This preview shows how black text looks on a background with the Hex color 362A6C.



This preview shows how white text looks on a background with the Hex color 362A6C.

# 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](#).

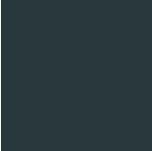
## Dichromacy



**Original Color**  
362A6C

**Protanopia**  
00336C

**Deuteranopia**  
00365E



**Tritanopia**  
28383C

# Trichromacy



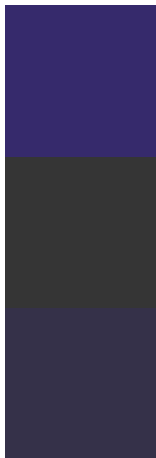
**Original Color**  
362A6C

**Protanomaly**  
14306C

**Deuteranomaly**  
143263

**Tritanomaly**  
2D334D

# Monochromacy



**Original Color**  
362A6C

**Achromatopsia**  
353535

**Achromatomaly**  
353149

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 362A6C 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 #362A6C looks like.

```
.text, #text, p{  
    color:#362A6C  
}
```

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 #362A6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #362A6C
}
```

## Border

The CSS property to change the border of an element to Hex 362A6C 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
#362A6C }
```

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

```
.border{ border-color:#362A6C }
```

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

Here you see how a box with a 4 pixel #362A6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #362A6C; -webkit-box-shadow:4px 4px  
4px 4px #362A6C; box-shadow:4px 4px 4px  
4px #362A6C }
```

# Background

The CSS property to change the background color of an element to Hex 362A6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#362A6C }
```

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

```
.background{ background-color:#362A6C }
```

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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