

# Converting Colors

Hex(362C4C)

Have a look what the booklet for  
Hex(362C4C) contains.

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# Color

Hex(362C4C)

# Conversions

## Conversions Part 1

Format	Color
Hex	362C4C
RGB	54, 44, 76
RGB Percent	21%, 17%, 30%
CMY	0.7882, 0.8275, 0.7020
CMYK	0.29, 0.42, 0.00, 0.70
HSL	259°, 27%, 24%
HSV	259°, 42%, 30%
XYZ	3.7265, 3.1074, 7.2409
YIQ	50.6380, -4.3120, 12.0720

# Conversions

## Conversions Part 2

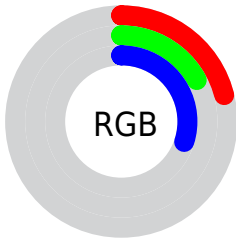
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 44, 76
Decimal	3550284
CIELab	20.47, 12.67, -18.15
CIElCh	20, 22.133, 304.907
Yxy	3.1074, 0.2648, 0.2208
Android (android.graphics.Color)	4281740364 (0xFF362C4C)
YUV	50.6380, 12.5035, 2.9485
Hunter-Lab	17.6279, 6.8857, -12.0145

# Details

The Hex color **362C4C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **424C2C**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **665A7D**, and **0D0020** is the 20% darker color. If you saturate the color by 10%, you get **31244C**, and if you desaturate by 10%, it is **3B344C**.

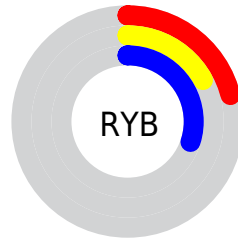
# Distribution



 Red (21%)

 Green (17%)

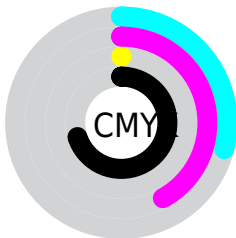
 Blue (30%)




 Red (21%)

 Yellow (17%)

 Blue (30%)

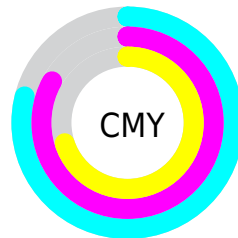


 Cyan (29%)


 Magenta (42%)

 Yellow (0%)

 Black (70%)



 Cyan (79%)

 Magenta (83%)

 Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 362C4C 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 362C4C by changing the saturation by 10% instead.



■ 362C4C

■ 362C4C

FFFFFF

■ 201735

■ 665A7D

■ 0D0020

■ 7F7297

■ 000004

■ 998CB2

■ 000000

■ B4A6CD

■ D0C1EA

■ ECDDFF

■ FFFAFF

■ 362C4C

■ 362C4C

■ 31244C

■ 3B344C

■ 2C1D4C

■ 403B4C

■ 26154C

■ 46434C

■ 210E4C

■ 4B4A4C

■ 1C064C

■ 50524C

■ 18004C

■ 555A4C

■ 5B614C

■ 60694C

■ 65704C

# Harmonies

## Analogous

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



193252



362C4C



47263F

# Triad

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



362C4C



462C14



003A34

# Complementary

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



362C4C



424C2C

# 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.



113823



362C4C



383110

# Square

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



362C4C



4E2620



273616



003943

# Rectangle

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



362C4C



4E2435



273616



00392E



# Sweetspot

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



362C4C



5B5763



2C424C



2D2B33



B3B3B3



333333



# Same Dimension

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



362C4C



413163



462C4C



242226



200066



4800E6



# Inverse Universe

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



4C2C42



633154



324C2C



262225



660046



E6009E



# Previews

## White Background



This preview shows how the Hex color 362C4C looks on a white background.

## Color Contrast Check

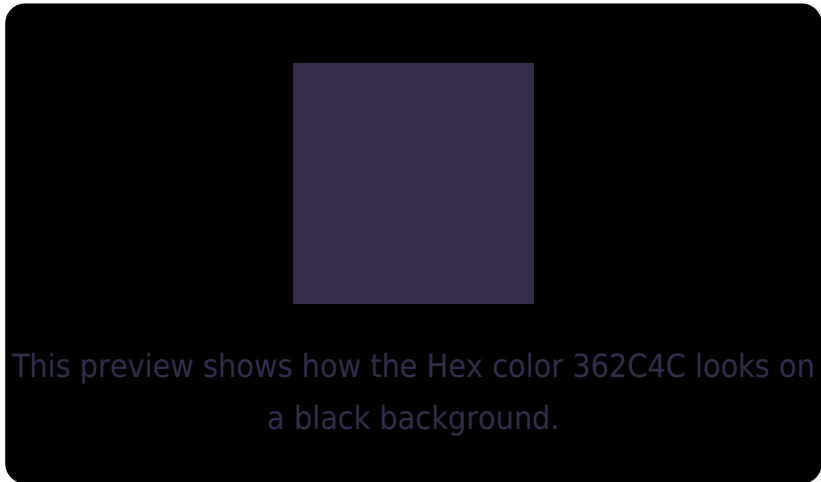
Large Text (above 18pt) WCAG AA ✓ Pass

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

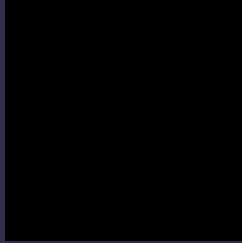
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 362C4C Background



This preview shows how black text looks on a background with the Hex color 362C4C.



This preview shows how white text looks on a background with the Hex color 362C4C.

# 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**  
362C4C

**Protanopia**  
253050

**Deuteranopia**  
25314B



**Tritanopia**  
323135

# Trichromacy



**Original Color**  
362C4C

**Protanomaly**  
2B2F4F

**Deuteranomaly**  
2B2F4B

**Tritanomaly**  
332F3D

# Monochromacy



**Original Color**  
362C4C

**Achromatopsia**  
333333

**Achromatomaly**  
34303C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 362C4C 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 #362C4C looks like.

```
.text, #text, p{  
    color:#362C4C  
}
```

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 #362C4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #362C4C
}
```

## Border

The CSS property to change the border of an element to Hex 362C4C 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
#362C4C }
```

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

```
.border{ border-color:#362C4C }
```

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

Here you see how a box with a 4 pixel #362C4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #362C4C; -webkit-box-shadow:4px 4px  
4px 4px #362C4C; box-shadow:4px 4px 4px  
4px #362C4C }
```

# Background

The CSS property to change the background color of an element to Hex 362C4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#362C4C }
```

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

```
.background{ background-color:#362C4C }
```

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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