

# Converting Colors

Hex(362C46)

Have a look what the booklet for  
Hex(362C46) contains.

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# Color

Hex(362C46)

# Conversions

## Conversions Part 1

Format	Color
Hex	362C46
RGB	54, 44, 70
RGB Percent	21%, 17%, 27%
CMY	0.7882, 0.8275, 0.7255
CMYK	0.23, 0.37, 0.00, 0.73
HSL	263°, 23%, 22%
HSV	263°, 37%, 27%
XYZ	3.5275, 3.0278, 6.1929
YIQ	49.9540, -2.3860, 10.2060

# Conversions

## Conversions Part 2

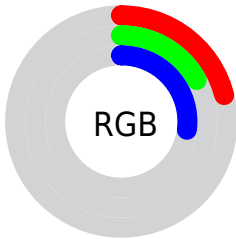
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	54, 44, 70
Decimal	3550278
CIE <sub>Lab</sub>	20.16, 10.94, -14.58
CIE <sub>LCh</sub>	20, 18.227, 306.887
Yxy	3.0278, 0.2767, 0.2375
Android (android.graphics.Color)	4281740358 (0xFF362C46)
YUV	49.9540, 9.8827, 3.5483
Hunter-Lab	17.4007, 5.7347, -8.9207

# Details

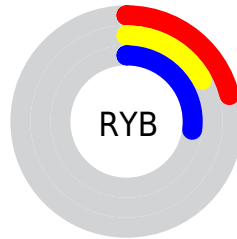
The Hex color **362C46** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3C462C**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **655A76**, and **0C001B** is the 20% darker color. If you saturate the color by 10%, you get **322546**, and if you desaturate by 10%, it is **3A3346**.

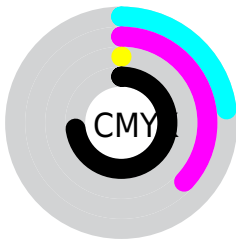
# Distribution



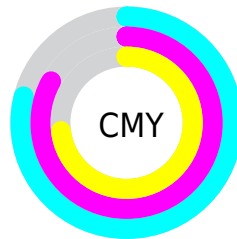
- Red (21%)
- Green (17%)
- Blue (27%)



- Red (21%)
- Yellow (17%)
- Blue (27%)



- Cyan (23%)
- Magenta (37%)
- Yellow (0%)
- Black (73%)



- Cyan (79%)
- Magenta (83%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 362C46 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 362C46 by changing the saturation by 10% instead.





362C46



362C46

FFFFFF



201730



655A76



0C001B



7E7290



000000



988CAB



B3A6C6



CFC1E2



EBDDFF



FFFAFF



362C46



362C46

■ 322546

■ 3A3346

■ 2D1E46

■ 3F3A46

■ 291746

■ 434146

■ 251046

■ 474846

■ 200946

■ 4C4F46

■ 1C0246

■ 505646

■ 1B0046

■ 545D46

■ 586446

■ 5D6B46

# Harmonies

## Analogous

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



21314B



362C46



44283B

# Triad

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



362C46



422C18



003833

# Complementary

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



362C46



3C462C

# 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.



173726



362C46



363116

# Square

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



362C46



492821



28351B



003740

# Rectangle

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



362C46



492633



28351B



07382F



# Sweetspot

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



362C46



56525C



2C3C46



2A282E



ADADAD



2E2E2E



# Same Dimension

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



362C46



42325C



432C46



222024



260063



5700E3



# Inverse Universe

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



462C3C



5C324C



2F462C



242022



63003D



E3008C



# Previews

## White Background



This preview shows how the Hex color 362C46 looks on a white background.

## Color Contrast Check

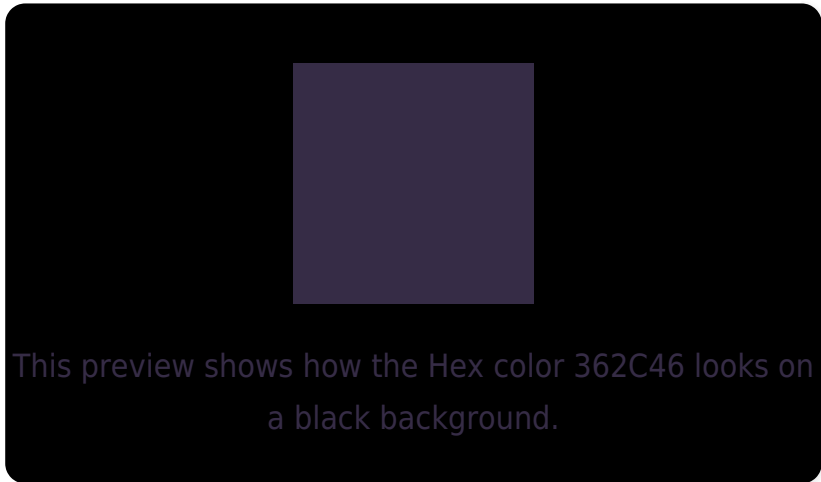
Large Text (above 18pt) WCAG AA ✓ Pass

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

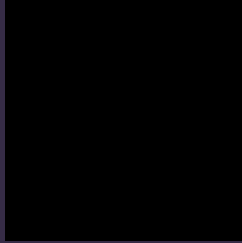
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 362C46 Background



This preview shows how black text looks on a background with the Hex color 362C46.



This preview shows how white text looks on a background with the Hex color 362C46.

# 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**  
362C46

**Protanopia**  
283049

**Deuteranopia**  
293045



**Tritanopia**  
333034

# Trichromacy



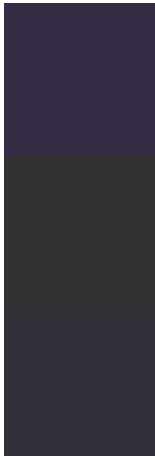
**Original Color**  
362C46

**Protanomaly**  
2D2F48

**Deuteranomaly**  
2E2F45

**Tritanomaly**  
342F3B

# Monochromacy



**Original Color**  
362C46

**Achromatopsia**  
323232

**Achromatomaly**  
333039

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 362C46 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 #362C46 looks like.

```
.text, #text, p{  
    color:#362C46  
}
```

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 #362C46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #362C46
}
```

## Border

The CSS property to change the border of an element to Hex 362C46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

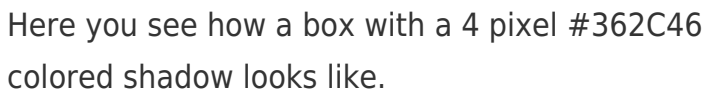
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#362C46 }
```

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

```
.border{ border-color:#362C46 }
```

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



Here you see how a box with a 4 pixel #362C46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #362C46; -webkit-box-shadow:4px 4px  
4px 4px #362C46; box-shadow:4px 4px 4px  
4px #362C46 }
```

# Background

The CSS property to change the background color of an element to Hex 362C46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#362C46 }
```

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

```
.background{ background-color:#362C46 }
```

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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