

# Converting Colors

Hex(362833)

Have a look what the booklet for  
Hex(362833) contains.

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# Color

**Hex(362833)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	362833
RGB	54, 40, 51
RGB Percent	21%, 16%, 20%
CMY	0.7882, 0.8431, 0.8000
CMYK	0.00, 0.26, 0.06, 0.79
HSL	313°, 15%, 18%
HSV	313°, 26%, 21%
XYZ	2.8777, 2.5409, 3.4707
YIQ	45.4400, 4.8130, 6.3890

# Conversions

## Conversions Part 2

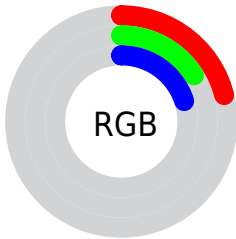
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	54, 40, 51
Decimal	3549235
CIE <sub>Lab</sub>	18.10, 8.84, -4.62
CIE <sub>LCh</sub>	18, 9.976, 332.435
Yxy	2.5409, 0.3237, 0.2858
Android (android.graphics.Color)	4281739315 (0xFF362833)
YUV	45.4400, 2.7411, 7.5071
Hunter-Lab	15.9401, 4.3293, -1.7515

# Details

The Hex color **362833** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **28362B**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **655561**, and **000003** is the 20% darker color. If you saturate the color by 10%, you get **362332**, and if you desaturate by 10%, it is **362D34**.

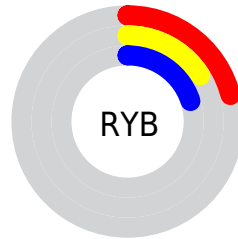
# Distribution



Red (21%)

Green (16%)

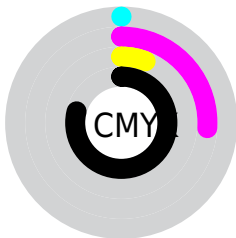
Blue (20%)



Red (21%)

Yellow (16%)

Blue (20%)

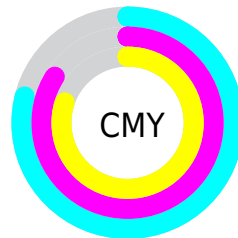


Cyan (0%)

Magenta (26%)

Yellow (6%)

Black (79%)



Cyan (79%)

Magenta (84%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 362833 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 362833 by changing the saturation by 10% instead.



■ 362833

■ 362833

FFFFFF

■ 21141E

■ 655561

■ 000003

■ 7E6D7A

■ 000000

■ 988794

■ B3A1AE

■ CEBCCA

■ EAD8E6

■ FFF4FF

■ 362833

■ 362833

■ 362332

■ 362D34

■ 361D31

■ 363335

■ 361830

■ 363836

■ 36122E

■ 363E38

■ 360D2D

■ 364339

■ 36082C

■ 36483A

■ 36022B

■ 364E3B

■ 36002A

■ 36533C

■ 36593D

# Harmonies

## Analogous

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



2E2A38



362833



3A272C

# Triad

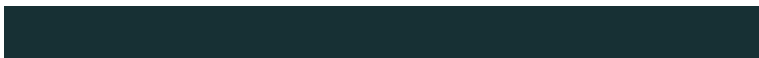
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



362833



312C1E



173034

# Complementary

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



362833



28362B

# 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.



1A302D



362833



292E20

# Square

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



362833



372A20



213025



1B2F39

# Rectangle

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



362833



3B2727



213025



173031



# Sweetspot

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



362833



474246



2B2836



242023



A3A3A3



242424



# Same Dimension

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



362833



473143



36282C



1C191B



5C0048



DB00AC



# Inverse Universe

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



362833



473143



283632



1C191B



5C0048

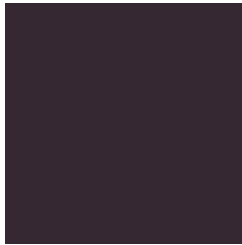


DB00AC



# Previews

## White Background



This preview shows how the Hex color 362833 looks on a white background.

## Color Contrast Check

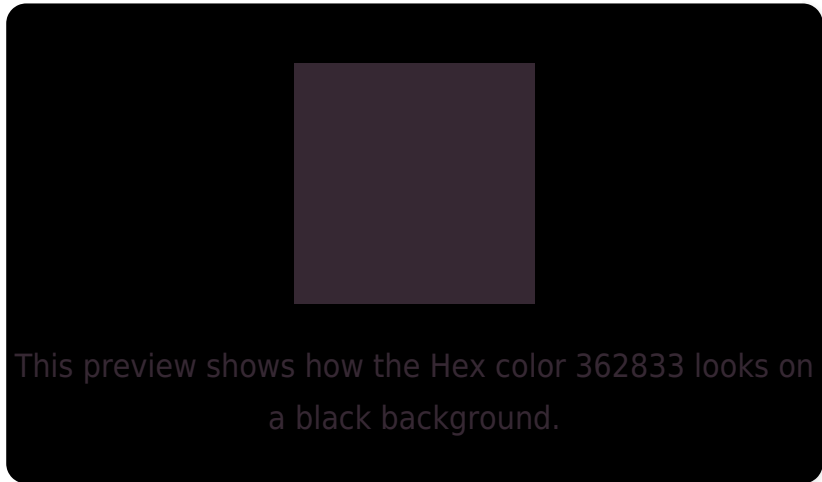
Large Text (above 18pt) WCAG AA ✓ Pass

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

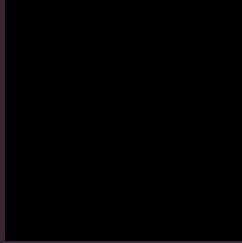
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 362833 Background



This preview shows how black text looks on a background with the Hex color 362833.

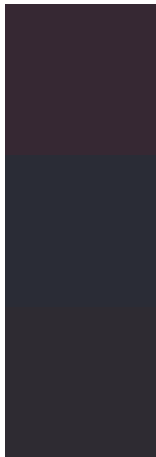


This preview shows how white text looks on a background with the Hex color 362833.

# 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**  
362833

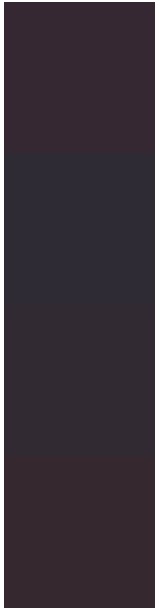
**Protanopia**  
2A2C36

**Deuteranopia**  
2E2B32



**Tritanopia**  
35292C

# Trichromacy



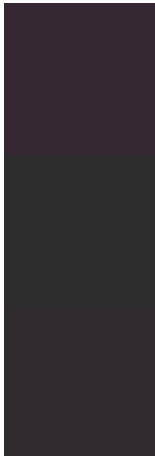
**Original Color**  
362833

**Protanomaly**  
2E2B35

**Deuteranomaly**  
312A32

**Tritanomaly**  
35292F

# Monochromacy



**Original Color**  
362833

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
302B2F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 362833 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 #362833 looks like.

```
.text, #text, p{  
    color:#362833  
}
```

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 #362833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #362833
}
```

## Border

The CSS property to change the border of an element to Hex 362833 is called "border". The border property can be set on classes, ids or directly on the HTML element.

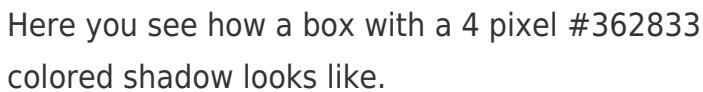
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#362833 }
```

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

```
.border{ border-color:#362833 }
```

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



Here you see how a box with a 4 pixel #362833 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #362833; -webkit-box-shadow:4px 4px  
4px 4px #362833; box-shadow:4px 4px 4px  
4px #362833 }
```

# Background

The CSS property to change the background color of an element to Hex 362833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#362833 }
```

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

```
.background{ background-color:#362833 }
```

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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