

# Converting Colors

Hex(322334)

Have a look what the booklet for  
Hex(322334) contains.

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# Color

Hex(322334)

# Conversions

## Conversions Part 1

Format	Color
Hex	322334
RGB	50, 35, 52
RGB Percent	20%, 14%, 20%
CMY	0.8039, 0.8627, 0.7961
CMYK	0.04, 0.33, 0.00, 0.80
HSL	293°, 20%, 17%
HSV	293°, 33%, 20%
XYZ	2.5363, 2.1281, 3.5259
YIQ	41.4230, 3.4830, 8.4670

# Conversions

## Conversions Part 2

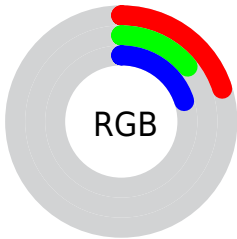
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	50, 35, 52
Decimal	3285812
CIE Lab	16.15, 10.85, -8.32
CIE LCh	16, 13.679, 322.514
Yxy	2.1281, 0.3097, 0.2598
Android (android.graphics.Color)	4281475892 (0xFF322334)
YUV	41.4230, 5.2145, 7.5220
Hunter-Lab	14.5880, 5.5047, -4.1187

# Details

The Hex color **322334** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **253423**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **615062**, and **000004** is the 20% darker color. If you saturate the color by 10%, you get **311E34**, and if you desaturate by 10%, it is **332834**.

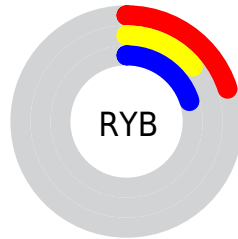
# Distribution



Red (20%)

Green (14%)

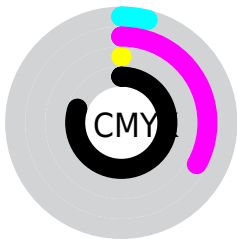
Blue (20%)



Red (20%)

Yellow (14%)

Blue (20%)

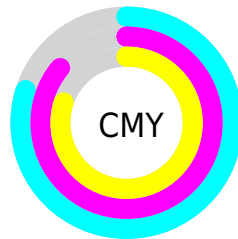


Cyan (4%)

Magenta (33%)

Yellow (0%)

Black (80%)



Cyan (80%)

Magenta (86%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 322334 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 322334 by changing the saturation by 10% instead.



■ 322334

■ 322334

FFFFFF

■ 1D0E1F

■ 615062

■ 000004

■ 79687B

■ 000000

■ 938195

■ AE9BB0

■ C9B6CB

■ E5D1E7

■ FFEFFF

■ 322334

■ 322334

■ 311E34

■ 332834

■ 311934

■ 332D34

■ 301334

■ 343334

■ 300E34

■ 343834

■ 2F0934

■ 353D34

■ 2E0434

■ 364234

■ 2E0034

■ 364734

■ 374D34

■ 385234

# Harmonies

## Analogous

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



26263A



322334



39212B

# Triad

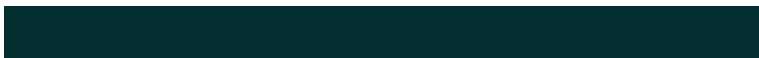
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



322334



312715



042D2F

# Complementary

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



322334



253423

# 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.



0F2D25



322334



272A16

# Square

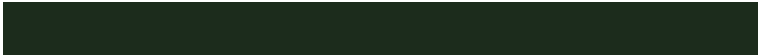
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



322334



382319



1C2C1C



062C37

# Rectangle

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



322334



3B2124



1C2C1C



072D2C



# Sweetspot

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



322334



443E45



232534



231F24



A3A3A3



242424



# Same Dimension

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



322334



422A45



34232E



19171A



4F0059



BF00D9



# Inverse Universe

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



342325



452A2D



233429



1A1717



59000A

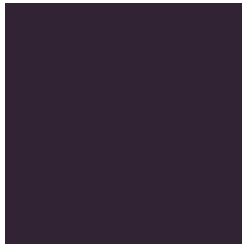


D90019



# Previews

## White Background



This preview shows how the Hex color 322334 looks on a white background.

## Color Contrast Check

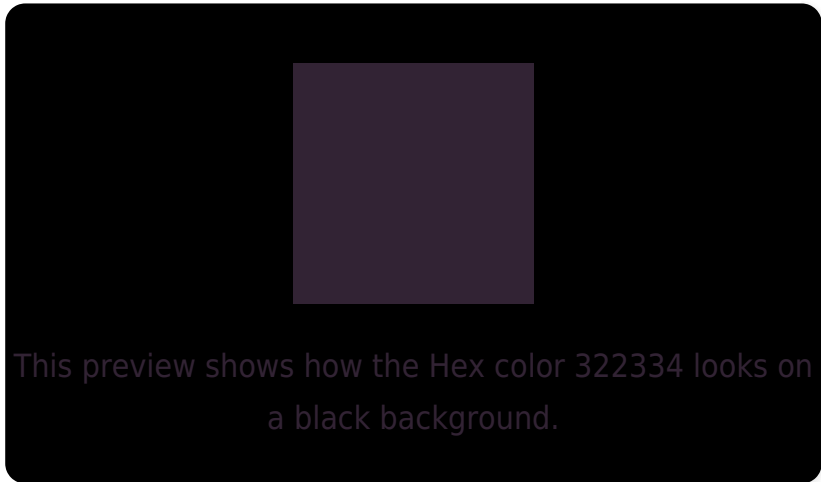
Large Text (above 18pt) WCAG AA ✓ Pass

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

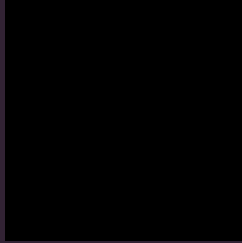
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 322334 Background



This preview shows how black text looks on a background with the Hex color 322334.



This preview shows how white text looks on a background with the Hex color 322334.

# 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**

322334

**Protanopia**

242838

**Deuteranopia**

272833



**Tritanopia**  
302528

# Trichromacy



**Original Color**

322334

**Protanomaly**

292637

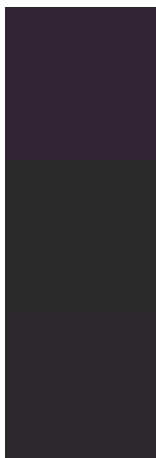
**Deuteranomaly**

2B2633

**Tritanomaly**

31242C

# Monochromacy



**Original Color**

322334

**Achromatopsia**

292929

**Achromatomaly**

2C272D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 322334 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 #322334 looks like.

```
.text, #text, p{  
    color:#322334  
}
```

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 #322334 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #322334
}
```

## Border

The CSS property to change the border of an element to Hex 322334 is called "border". The border property can be set on classes, ids or directly on the HTML element.

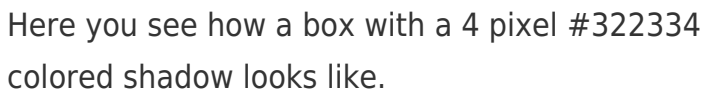
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#322334 }
```

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

```
.border{ border-color:#322334 }
```

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



Here you see how a box with a 4 pixel #322334 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #322334; -webkit-box-shadow:4px 4px  
4px 4px #322334; box-shadow:4px 4px 4px  
4px #322334 }
```

# Background

The CSS property to change the background color of an element to Hex 322334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#322334 }
```

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

```
.background{ background-color:#322334 }
```

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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