

# Converting Colors

Hex(322941)

Have a look what the booklet for  
Hex(322941) contains.

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# Color

**Hex(322941)**

# Conversions

## Conversions Part 1

Format	Color
Hex	322941
RGB	50, 41, 65
RGB Percent	20%, 16%, 25%
CMY	0.8039, 0.8392, 0.7451
CMYK	0.23, 0.37, 0.00, 0.75
HSL	262°, 23%, 21%
HSV	262°, 37%, 25%
XYZ	3.0625, 2.6456, 5.3503
YIQ	46.4270, -2.3400, 9.3720

# Conversions

## Conversions Part 2

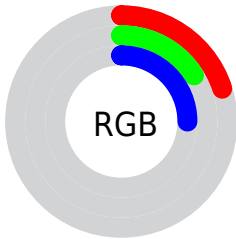
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	50, 41, 65
Decimal	3287361
CIE Lab	18.56, 10.12, -13.66
CIE LCh	19, 16.999, 306.526
Yxy	2.6456, 0.2769, 0.2392
Android (android.graphics.Color)	4281477441 (0xFF322941)
YUV	46.4270, 9.1565, 3.1335
Hunter-Lab	16.2654, 5.1436, -8.1168

# Details

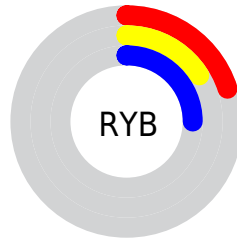
The Hex color **322941** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **384129**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **615671**, and **000017** is the 20% darker color. If you saturate the color by 10%, you get **2E2341**, and if you desaturate by 10%, it is **363041**.

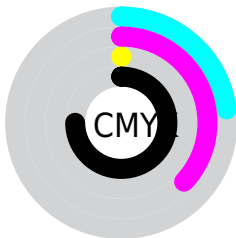
# Distribution



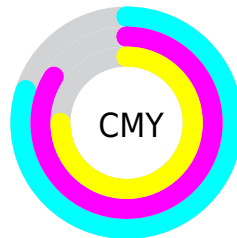
- Red (20%)
- Green (16%)
- Blue (25%)



- Red (20%)
- Yellow (16%)
- Blue (25%)



- Cyan (23%)
- Magenta (37%)
- Yellow (0%)
- Black (75%)



- Cyan (80%)
- Magenta (84%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 322941 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 322941 by changing the saturation by 10% instead.



■ 322941

■ 322941

FFFFFF

■ 1C152B

■ 615671

■ 000017

■ 7A6F8A

■ 000000

■ 9488A5

■ AEA2C0

■ CABDDC

■ E6D9F8

■ FFF6FF

■ 322941

■ 322941

■ 2E2341

■ 363041

■ 2A1C41

■ 3A3641

■ 261641

■ 3E3D41

■ 220F41

■ 424341

■ 1E0941

■ 464A41

■ 1A0241

■ 4A5041

■ 180041

■ 4E5741

■ 525D41

■ 576441

# Harmonies

## Analogous

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



1F2E46



322941



3F2537

# Triad

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



322941



3D2917



013430

# Complementary

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



322941



384129

# 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.



163323



322941



322D14

# Square

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



322941



44251F



253119



00333B

# Rectangle

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



322941



43232F



253119



08342B



# Sweetspot

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



322941



4E4B54



293841



28262B



ABABAB



2B2B2B



# Same Dimension

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



322941



3D2F54



3E2941



1F1E21



240061



5400E0



# Inverse Universe

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



412938



542F46



2C4129



211E20



61003D



E0008C



# Previews

## White Background



This preview shows how the Hex color 322941 looks on a white background.

## Color Contrast Check

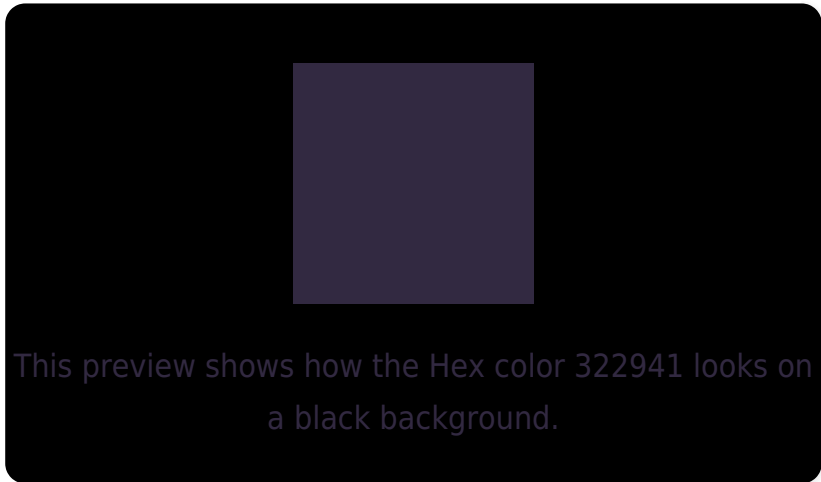
Large Text (above 18pt) WCAG AA ✓ Pass

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

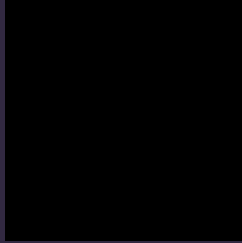
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 322941 Background



This preview shows how black text looks on a background with the Hex color 322941.



This preview shows how white text looks on a background with the Hex color 322941.

# 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**  
322941

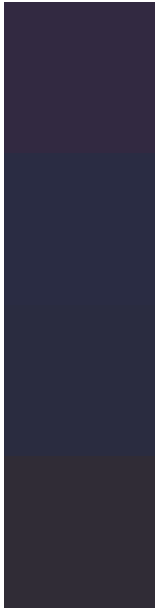
**Protanopia**  
252D44

**Deuteranopia**  
262D40



**Tritanopia**  
2F2D30

# Trichromacy



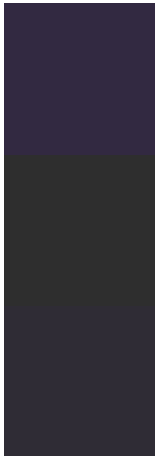
**Original Color**  
322941

**Protanomaly**  
2A2C43

**Deuteranomaly**  
2A2C40

**Tritanomaly**  
302C36

# Monochromacy



**Original Color**  
322941

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
2F2C35

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 322941 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 #322941 looks like.

```
.text, #text, p{  
    color:#322941  
}
```

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 #322941 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #322941  
}
```

## Border

The CSS property to change the border of an element to Hex 322941 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  
#322941 }
```

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

```
.border{ border-color:#322941 }
```

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

Here you see how a box with a 4 pixel #322941 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #322941; -webkit-box-shadow:4px 4px  
4px 4px #322941; box-shadow:4px 4px 4px  
4px #322941 }
```

# Background

The CSS property to change the background color of an element to Hex 322941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#322941 }
```

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

```
.background{ background-color:#322941 }
```

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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