

Converting Colors

Hex(322433)

Have a look what the booklet for
Hex(322433) contains.

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Color

Hex(322433)

Conversions

Conversions Part 1

Format	Color
Hex	322433
RGB	50, 36, 51
RGB Percent	20%, 14%, 20%
CMY	0.8039, 0.8588, 0.8000
CMYK	0.02, 0.29, 0.00, 0.80
HSL	296°, 17%, 17%
HSV	296°, 29%, 20%
XYZ	2.5438, 2.1789, 3.4185
YIQ	41.8960, 3.5290, 7.6330

Conversions

Conversions Part 2

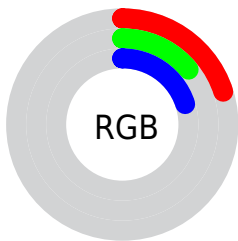
Format	Color
R_{YB}	50, 36, 51
Decimal	3286067
CIE Lab	16.40, 9.91, -7.23
CIE LCh	16, 12.268, 323.873
Yxy	2.1789, 0.3125, 0.2676
Android (android.graphics.Color)	4281476147 (0xFF322433)
YUV	41.8960, 4.4883, 7.1072
Hunter-Lab	14.7610, 4.9296, -3.3981

Details

The Hex color **322433** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **253324**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **605161**, and **000002** is the 20% darker color. If you saturate the color by 10%, you get **321F33**, and if you desaturate by 10%, it is **322933**.

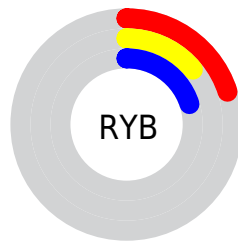
Distribution



Red (20%)

Green (14%)

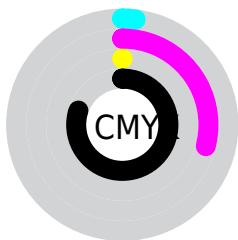
Blue (20%)



Red (20%)

Yellow (14%)

Blue (20%)

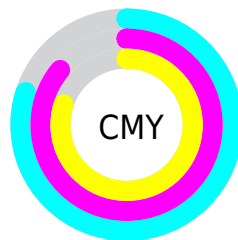


Cyan (2%)

Magenta (29%)

Yellow (0%)

Black (80%)



Cyan (80%)

Magenta (86%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 322433 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 322433 by changing the saturation by 10% instead.

■ 322433

■ 322433

FFFFFF

■ 1D0F1E

■ 605161

■ 000002

■ 79697A

■ 000000

■ 938294

■ AE9CAF

■ C9B7CA

■ E5D3E6

■ FFEFFF

■ 322433

■ 322433

■ 321F33

■ 322933

■ 311A33

■ 332E33

■ 311533

■ 333333

■ 311033

■ 333833

■ 300A33

■ 343E33

■ 300533

■ 344333

■ 300033

■ 344833

■ 354D33

■ 355233

Harmonies

Analogous

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



272739



322433



38222B

Triad

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



322433



302717



0B2D2F

Complementary

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



322433



253324

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.



132D26



322433



272A18

Square

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



322433



37251B



1D2C1E



0E2C36

Rectangle

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



322433



3A2225



1D2C1E



0D2D2C

Sweetspot

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



322433



423C42



242533



211E21



A1A1A1



212121

Same Dimension

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



322433



412B42



33242D



19171A



530059



CA00D9

Inverse Universe

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



332425



422B2D



24332B



1A1717



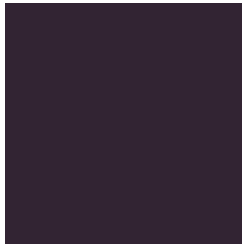
590006



D9000E

Previews

White Background



This preview shows how the Hex color 322433 looks on a white background.

Color Contrast Check

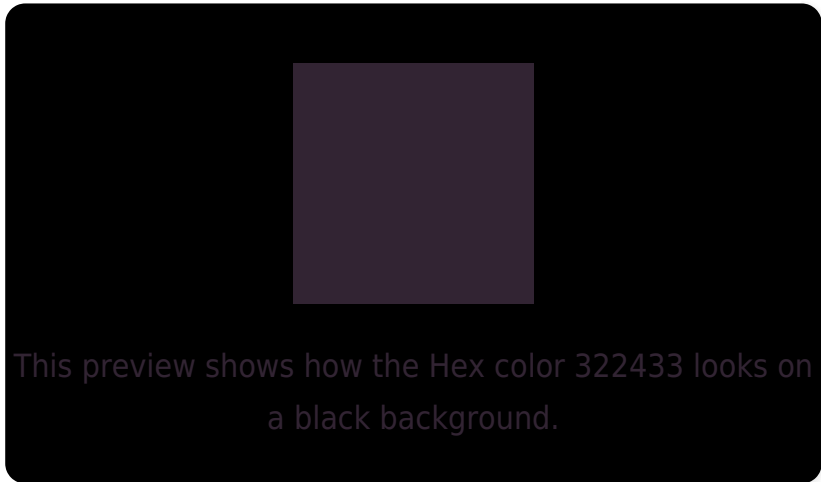
Large Text (above 18pt) WCAG AA ✓ Pass

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

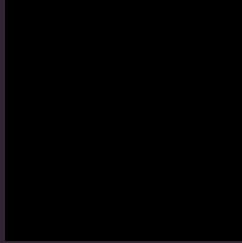
Any Text WCAG AA × Fail

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 322433 Background



This preview shows how black text looks on a background with the Hex color 322433.



This preview shows how white text looks on a background with the Hex color 322433.

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
322433

Protanopia
252836

Deuteranopia
282832



Tritanopia
312629

Trichromacy



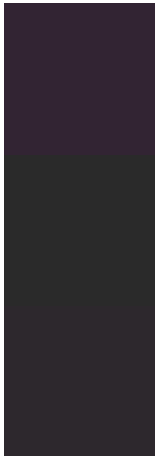
Original Color
322433

Protanomaly
2A2735

Deuteranomaly
2C2732

Tritanomaly
31252D

Monochromacy



Original Color
322433

Achromatopsia
2A2A2A

Achromatomaly
2D282D

CSS Examples

Text

The CSS property to change the color of the text to Hex 322433 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 #322433 looks like.

```
.text, #text, p{  
    color:#322433  
}
```

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 #322433 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #322433
}
```

Border

The CSS property to change the border of an element to Hex 322433 is called "border". The border property can be set on classes, ids or directly on the HTML element.

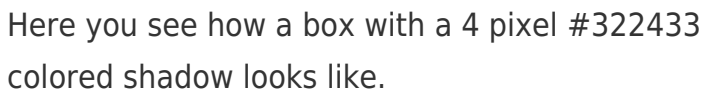
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#322433 }
```

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

```
.border{ border-color:#322433 }
```

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



Here you see how a box with a 4 pixel #322433 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #322433; -webkit-box-shadow:4px 4px  
4px 4px #322433; box-shadow:4px 4px 4px  
4px #322433 }
```

Background

The CSS property to change the background color of an element to Hex 322433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#322433 }
```

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

```
.background{ background-color:#322433 }
```

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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