

Converting Colors

Hex(3A3248)

Have a look what the booklet for
Hex(3A3248) contains.

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Color

Hex(3A3248)

Conversions

Conversions Part 1

Format	Color
Hex	3A3248
RGB	58, 50, 72
RGB Percent	23%, 20%, 28%
CMY	0.7725, 0.8039, 0.7176
CMYK	0.19, 0.31, 0.00, 0.72
HSL	262°, 18%, 24%
HSV	262°, 31%, 28%
XYZ	4.0552, 3.6486, 6.6214
YIQ	54.9000, -2.2940, 8.5380

Conversions

Conversions Part 2

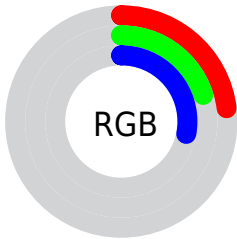
Format	Color
R_{YB}	58, 50, 72
Decimal	3813960
CIE _{Lab}	22.47, 8.88, -12.31
CIE _{LCh}	22, 15.181, 305.790
Yxy	3.6486, 0.2831, 0.2547
Android (android.graphics.Color)	4282004040 (0xFF3A3248)
YUV	54.9000, 8.4303, 2.7187
Hunter-Lab	19.1014, 4.4682, -7.1817

Details

The Hex color **3A3248** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **404832**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **696079**, and **11031D** is the 20% darker color. If you saturate the color by 10%, you get **352B48**, and if you desaturate by 10%, it is **3F3948**.

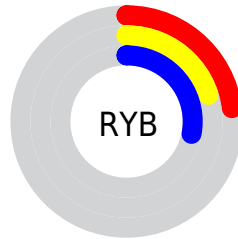
Distribution



 Red (23%)

 Green (20%)

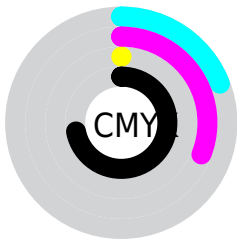
 Blue (28%)



 Red (23%)

 Yellow (20%)

 Blue (28%)

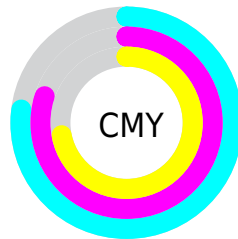


 Cyan (19%)

 Magenta (31%)

 Yellow (0%)

 Black (72%)



 Cyan (77%)

 Magenta (80%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3248 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 3A3248 by changing the saturation by 10% instead.

■ 3A3248

■ 3A3248

FFFFFF

■ 241D31

■ 696079

■ 11031D

■ 837992

■ 000000

■ 9D93AD

■ B8ADC8

■ D3C9E4

■ F0E5FF

■ 3A3248

■ 3A3248

■ 352B48

■ 3F3948

■ 312448

■ 434048

■ 2C1C48

■ 484848

■ 281548

■ 4C4F48

■ 230E48

■ 515648

■ 1F0748

■ 555D48

■ 1A0048

■ 5A6448

■ 5F6C48

■ 637348

Harmonies

Analogous

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



2A364C



3A3248



462E3F

Triad

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



3A3248



453221



143C38

Complementary

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



3A3248



404832

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.



223B2C



3A3248



3B361F

Square

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



3A3248



4B2E29



2F3923



0D3B42

Rectangle

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



3A3248



4A2D38



2F3923



183C34

Sweetspot

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



3A3248



59565E



324048



2D2B30



B0B0B0



303030

Same Dimension

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



3A3248



483B5E



453248



212024



240063



5300E3

Inverse Universe

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



483240



5E3B52



354832



242022



63003F



E30090

Previews

White Background



This preview shows how the Hex color 3A3248 looks on a white background.

Color Contrast Check

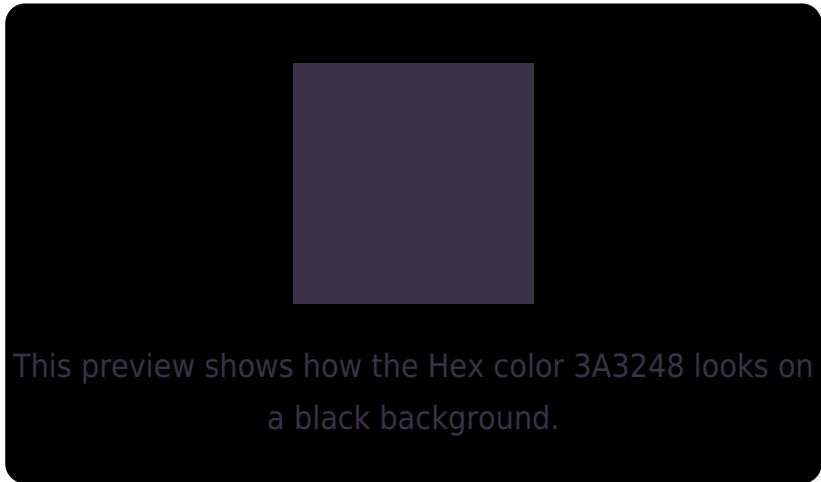
Large Text (above 18pt) WCAG AA ✓ Pass

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

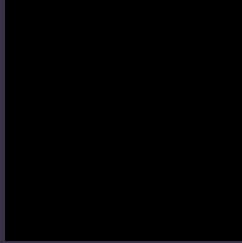
Any Text WCAG AA × Fail

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 3A3248 Background



This preview shows how black text looks on a background with the Hex color 3A3248.

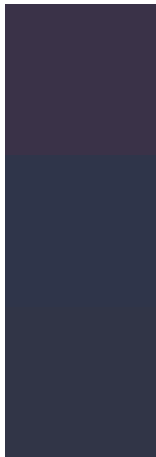


This preview shows how white text looks on a background with the Hex color 3A3248.

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
3A3248

Protanopia
2F354A

Deuteranopia
313547



Tritanopia
373539

Trichromacy



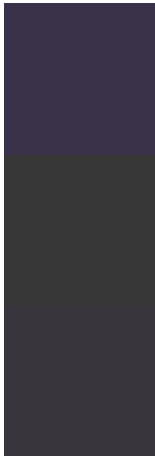
Original Color
3A3248

Protanomaly
333449

Deuteranomaly
343447

Tritanomaly
38343E

Monochromacy



Original Color
3A3248

Achromatopsia
373737

Achromatomaly
38353D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3248 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 #3A3248 looks like.

```
.text, #text, p{  
    color:#3A3248  
}
```

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 #3A3248 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3248
}
```

Border

The CSS property to change the border of an element to Hex 3A3248 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
#3A3248 }
```

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

```
.border{ border-color:#3A3248 }
```

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

Here you see how a box with a 4 pixel #3A3248 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3248; -webkit-box-shadow:4px 4px  
4px 4px #3A3248; box-shadow:4px 4px 4px  
4px #3A3248 }
```

Background

The CSS property to change the background color of an element to Hex 3A3248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3248 }
```

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

```
.background{ background-color:#3A3248 }
```

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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