

Converting Colors

Hex(3C2D4A)

Have a look what the booklet for
Hex(3C2D4A) contains.

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Color

Hex(3C2D4A)

Conversions

Conversions Part 1

Format	Color
Hex	3C2D4A
RGB	60, 45, 74
RGB Percent	24%, 18%, 29%
CMY	0.7647, 0.8235, 0.7098
CMYK	0.19, 0.39, 0.00, 0.71
HSL	271°, 24%, 23%
HSV	271°, 39%, 29%
XYZ	4.0379, 3.3318, 6.9089
YIQ	52.7910, -0.3690, 12.1990

Conversions

Conversions Part 2

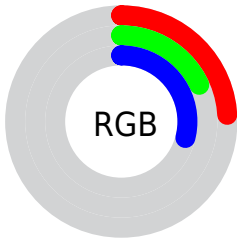
Format	Color
R_{YB}	60, 45, 74
Decimal	3943754
CIE _{Lab}	21.33, 13.57, -15.41
CIE _{LCh}	21, 20.540, 311.367
Yxy	3.3318, 0.2828, 0.2333
Android (android.graphics.Color)	4282133834 (0xFF3C2D4A)
YUV	52.7910, 10.4560, 6.3223
Hunter-Lab	18.2533, 7.5434, -9.6638

Details

The Hex color **3C2D4A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3B4A2D**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **6C5B7B**, and **13001E** is the 20% darker color. If you saturate the color by 10%, you get **38264A**, and if you desaturate by 10%, it is **40344A**.

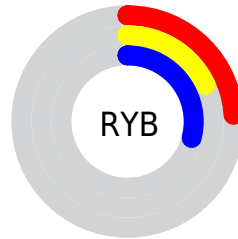
Distribution



Red (24%)

Green (18%)

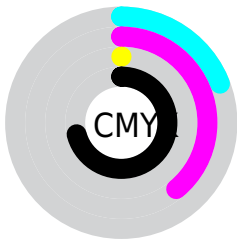
Blue (29%)



Red (24%)

Yellow (18%)

Blue (29%)

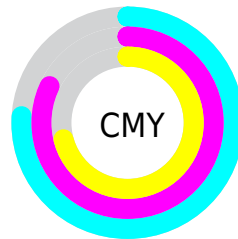


Cyan (19%)

Magenta (39%)

Yellow (0%)

Black (71%)



Cyan (76%)

Magenta (82%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C2D4A 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 3C2D4A by changing the saturation by 10% instead.

■ 3C2D4A

■ 3C2D4A

FFFFFF

■ 261833

■ 6C5B7B

■ 13001E

■ 857495

■ 000001

■ A08DAF

■ 000000

■ BBA8CB

■ D7C3E7

■ F3DFFF

■ FFFBFF

■ 3C2D4A

■ 3C2D4A

■ 38264A

■ 40344A

■ 351E4A

■ 433C4A

■ 31174A

■ 47434A

■ 2E0F4A

■ 4A4B4A

■ 2A084A

■ 4E524A

■ 27014A

■ 51594A

■ 26004A

■ 55614A

■ 59684A

■ 5C704A

Harmonies

Analogous

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



253351



3C2D4A



4A283D

Triad

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



3C2D4A



442F16



003B39

Complementary

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



3C2D4A



3B4A2D

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.



103A29



3C2D4A



373415

Square

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



3C2D4A



4D2A20



26381C



003A47

Rectangle

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



3C2D4A



4F2733



26381C



003B33

Sweetspot

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



3C2D4A



5B5561



2D3B4A



2D2A30



B0B0B0



303030

Same Dimension

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



3C2D4A



4B3361



4A2D4A



242226



350066



7700E6

Inverse Universe

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



4A2D3B



613349



2D4A2D



262224



660031



E6006F

Previews

White Background



This preview shows how the Hex color 3C2D4A 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

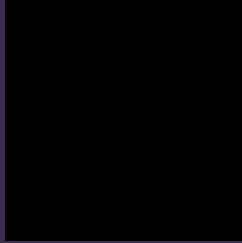
Any Text WCAG AA × Fail

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 3C2D4A Background



This preview shows how black text looks on a background with the Hex color 3C2D4A.



This preview shows how white text looks on a background with the Hex color 3C2D4A.

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
3C2D4A

Protanopia
29324F

Deuteranopia
2C3349



Tritanopia
393135

Trichromacy



Original Color

3C2D4A

Protanomaly

30304D

Deuteranomaly

323149

Tritanomaly

3A303D

Monochromacy



Original Color

3C2D4A

Achromatopsia

353535

Achromatomaly

38323D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C2D4A 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 #3C2D4A looks like.

```
.text, #text, p{  
    color:#3C2D4A  
}
```

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 #3C2D4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C2D4A
}
```

Border

The CSS property to change the border of an element to Hex 3C2D4A 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
#3C2D4A }
```

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

```
.border{ border-color:#3C2D4A }
```

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

Here you see how a box with a 4 pixel #3C2D4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C2D4A; -webkit-box-shadow:4px 4px  
4px 4px #3C2D4A; box-shadow:4px 4px 4px  
4px #3C2D4A }
```

Background

The CSS property to change the background color of an element to Hex 3C2D4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C2D4A }
```

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

```
.background{ background-color:#3C2D4A }
```

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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