

Converting Colors

Hex(3D2A59)

Have a look what the booklet for
Hex(3D2A59) contains.

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Color

Hex(3D2A59)

Conversions

Conversions Part 1

Format	Color
Hex	3D2A59
RGB	61, 42, 89
RGB Percent	24%, 16%, 35%
CMY	0.7608, 0.8353, 0.6510
CMYK	0.31, 0.53, 0.00, 0.65
HSL	264°, 36%, 26%
HSV	264°, 53%, 35%
XYZ	4.5556, 3.3693, 9.8614
YIQ	53.0390, -3.7630, 18.6450

Conversions

Conversions Part 2

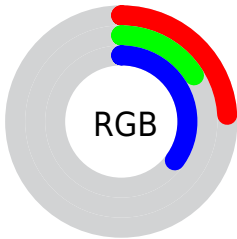
Format	Color
R_{YB}	61, 42, 89
Decimal	4008537
CIE _{Lab}	21.47, 20.13, -25.22
CIE _{LCh}	21, 32.270, 308.599
Yxy	3.3693, 0.2561, 0.1894
Android (android.graphics.Color)	4282198617 (0xFF3D2A59)
YUV	53.0390, 17.7288, 6.9818
Hunter-Lab	18.3556, 12.1787, -19.0041

Details

The Hex color **3D2A59** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **46592A**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **6E588B**, and **14002B** is the 20% darker color. If you saturate the color by 10%, you get **382159**, and if you desaturate by 10%, it is **423359**.

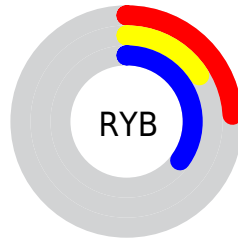
Distribution



Red (24%)

Green (16%)

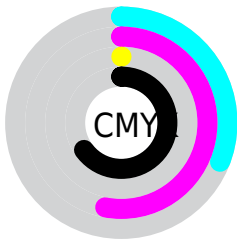
Blue (35%)



Red (24%)

Yellow (16%)

Blue (35%)

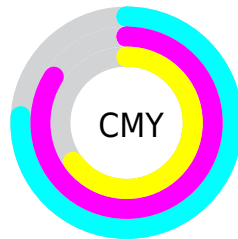


Cyan (31%)

Magenta (53%)

Yellow (0%)

Black (65%)



Cyan (76%)

Magenta (84%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D2A59 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 3D2A59 by changing the saturation by 10% instead.

■ 3D2A59

■ 3D2A59

FFFFFF

■ 261541

■ 6E588B

■ 14002B

■ 8871A6

■ 000116

■ A38AC1

■ 000000

■ BEA4DD

■ DAC0FA

■ F7DCFF

■ FFF8FF

■ 3D2A59

■ 3D2A59

■ 382159

■ 423359

■ 321859

■ 483C59

■ 2D0F59

■ 4D4559

■ 280659

■ 524E59

■ 240059

■ 585759

■ 5D5F59

■ 626859

■ 677159

■ 6D7A59

Harmonies

Analogous

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



023463



3D2A59



551F45

Triad

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



3D2A59



4D2C02



003F3A

Complementary

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



3D2A59



46592A

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.



003D21



3D2A59



393500

Square

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



3D2A59



5A2217



1F3A0A



003E51

Rectangle

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



3D2A59



5D1B36



1F3A0A



003E32

Sweetspot

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



3D2A59



686073



2A4659



34303B



BABABA



3B3B3B

Same Dimension

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



3D2A59



482A73



542A59



29272B



2B006B



5F00EB

Inverse Universe

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



592A46



732A56



2F592A



2B272A



6B0040



EB008C

Previews

White Background



This preview shows how the Hex color 3D2A59 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

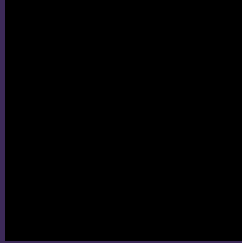
Any Text WCAG AA × Fail

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 3D2A59 Background



This preview shows how black text looks on a background with the Hex color 3D2A59.



This preview shows how white text looks on a background with the Hex color 3D2A59.

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
3D2A59

Protanopia
1B3261

Deuteranopia
1C3457



Tritanopia
363337

Trichromacy



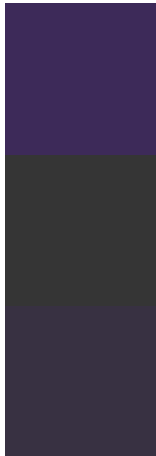
Original Color
3D2A59

Protanomaly
272F5E

Deuteranomaly
283058

Tritanomaly
393043

Monochromacy



Original Color
3D2A59

Achromatopsia
353535

Achromatomaly
383142

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D2A59 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 #3D2A59 looks like.

```
.text, #text, p{  
    color:#3D2A59  
}
```

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 #3D2A59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D2A59
}
```

Border

The CSS property to change the border of an element to Hex 3D2A59 is called "border". The border property can be set on classes, ids or directly on the HTML element.

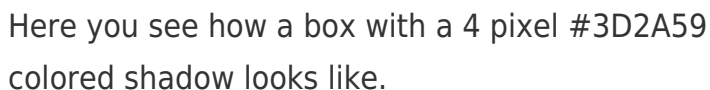
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D2A59 }
```

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

```
.border{ border-color:#3D2A59 }
```

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



Here you see how a box with a 4 pixel #3D2A59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D2A59; -webkit-box-shadow:4px 4px  
4px 4px #3D2A59; box-shadow:4px 4px 4px  
4px #3D2A59 }
```

Background

The CSS property to change the background color of an element to Hex 3D2A59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D2A59 }
```

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

```
.background{ background-color:#3D2A59 }
```

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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