

Converting Colors

Hex(3D3576)

Have a look what the booklet for
Hex(3D3576) contains.

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Color

Hex(3D3576)

Conversions

Conversions Part 1

Format	Color
Hex	3D3576
RGB	61, 53, 118
RGB Percent	24%, 21%, 46%
CMY	0.7608, 0.7922, 0.5373
CMYK	0.48, 0.55, 0.00, 0.54
HSL	247°, 38%, 34%
HSV	247°, 55%, 46%
XYZ	6.4676, 4.8463, 17.7341
YIQ	62.8020, -16.0970, 21.9110

Conversions

Conversions Part 2

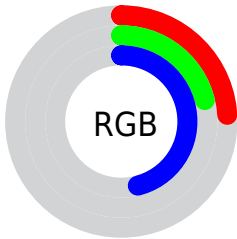
Format	Color
RYB	61, 53, 118
Decimal	4011382
CIELab	26.29, 21.83, -36.30
CIElCh	26, 42.365, 301.023
Yxy	4.8463, 0.2227, 0.1668
Android (android.graphics.Color)	4282201462 (0xFF3D3576)
YUV	62.8020, 27.2126, -1.5804
Hunter-Lab	22.0143, 13.9164, -32.3522

Details

The Hex color **3D3576** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6E7635**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **7164AB**, and **040B45** is the 20% darker color. If you saturate the color by 10%, you get **332976**, and if you desaturate by 10%, it is **474176**.

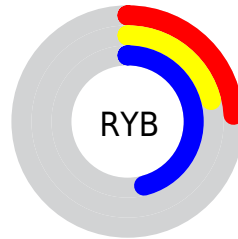
Distribution



Red (24%)

Green (21%)

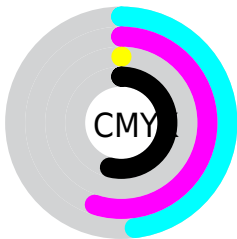
Blue (46%)



Red (24%)

Yellow (21%)

Blue (46%)

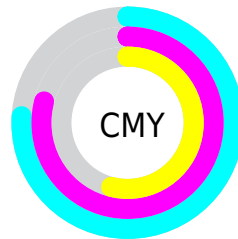


Cyan (48%)

Magenta (55%)

Yellow (0%)

Black (54%)



Cyan (76%)

Magenta (79%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D3576 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 3D3576 by changing the saturation by 10% instead.

■ 3D3576

■ 3D3576

FFFFFF

■ 23205D

■ 7164AB

■ 040B45

■ 8B7DC6

■ 00002E

■ A697E2

■ 000118

■ C2B2FF

■ 000000

■ DFCDFE

■ FCE9FF

■ 3D3576

■ 3D3576

■ 332976

■ 474176

■ 281D76

■ 524D76

■ 1E1276

■ 5C5876

■ 140676

■ 666476

■ 0F0076

■ 717076

■ 7B7C76

■ 858876

■ 909376

■ 9A9F76

Harmonies

Analogous

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



00427F



3D3576



65245E

Triad

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



3D3576



643000



004C3E

Complementary

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



3D3576



6E7635

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.



004A1D



3D3576



4C3D00

Square

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



3D3576



74201F



2B4600



004C5F

Rectangle

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



3D3576



721B49



2B4600



004C33

Sweetspot

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



3D3576



827F99



356E76



3F3D4D



CCCCCC



4D4D4D

Same Dimension

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



3D3576



403499



5D3576



36353B



0F007A



1F00FA

Inverse Universe

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



76356E



99348D



4E7635



3B353A



7A006B



FA00DB

Previews

White Background



This preview shows how the Hex color 3D3576 looks on a white background.

Color Contrast Check

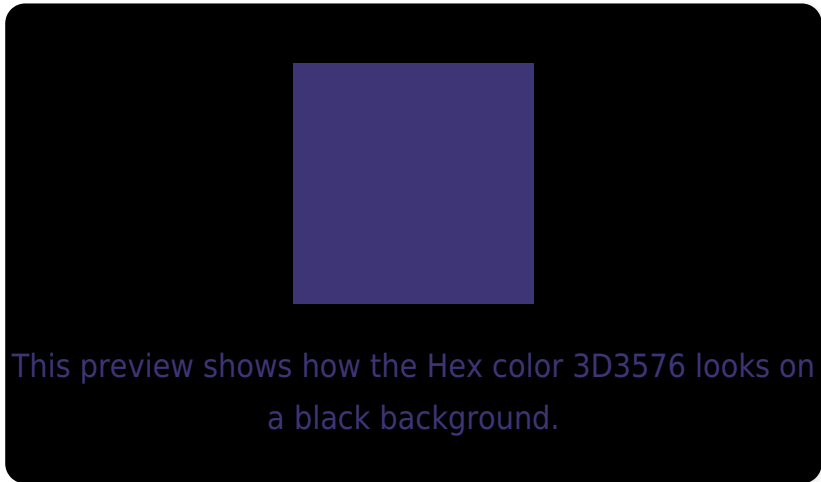
Large Text (above 18pt) WCAG AA ✓ Pass

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

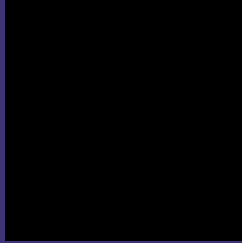
Any Text WCAG AA × Fail

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 3D3576 Background



This preview shows how black text looks on a background with the Hex color 3D3576.



This preview shows how white text looks on a background with the Hex color 3D3576.

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





Tritanopia
2F4147

Trichromacy



Original Color
3D3576

Protanomaly
20397B

Deuteranomaly
163C72

Tritanomaly
343D58

Monochromacy



Original Color
3D3576

Achromatopsia
3F3F3F

Achromatomaly
3E3B53

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D3576 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 #3D3576 looks like.

```
.text, #text, p{  
    color:#3D3576  
}
```

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 #3D3576 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3576
}
```

Border

The CSS property to change the border of an element to Hex 3D3576 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
#3D3576 }
```

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

```
.border{ border-color:#3D3576 }
```

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

Here you see how a box with a 4 pixel #3D3576 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3576; -webkit-box-shadow:4px 4px  
4px 4px #3D3576; box-shadow:4px 4px 4px  
4px #3D3576 }
```

Background

The CSS property to change the background color of an element to Hex 3D3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3576 }
```

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

```
.background{ background-color:#3D3576 }
```

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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