

Converting Colors

Hex(3D3654)

Have a look what the booklet for
Hex(3D3654) contains.

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Color

Hex(3D3654)

Conversions

Conversions Part 1

Format	Color
Hex	3D3654
RGB	61, 54, 84
RGB Percent	24%, 21%, 33%
CMY	0.7608, 0.7882, 0.6706
CMYK	0.27, 0.36, 0.00, 0.67
HSL	254°, 22%, 27%
HSV	254°, 36%, 33%
XYZ	4.8439, 4.2705, 8.9565
YIQ	59.5130, -5.4580, 10.8140

Conversions

Conversions Part 2

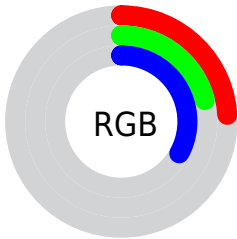
Format	Color
RYB	61, 54, 84
Decimal	4011604
CIELab	24.55, 10.61, -17.07
CIELCh	25, 20.100, 301.853
Yxy	4.2705, 0.2680, 0.2363
Android (android.graphics.Color)	4282201684 (0xFF3D3654)
YUV	59.5130, 12.0721, 1.3041
Hunter-Lab	20.6653, 5.6756, -11.2311

Details

The Hex color **3D3654** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4D5436**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6D6586**, and **130A27** is the 20% darker color. If you saturate the color by 10%, you get **372E54**, and if you desaturate by 10%, it is **433E54**.

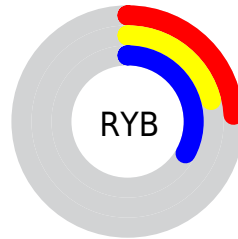
Distribution



Red (24%)

Green (21%)

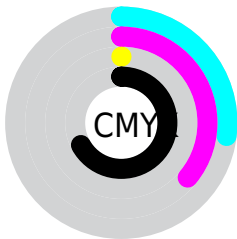
Blue (33%)



Red (24%)

Yellow (21%)

Blue (33%)

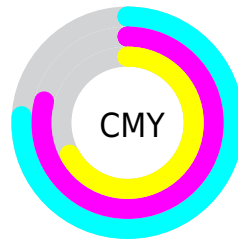


Cyan (27%)

Magenta (36%)

Yellow (0%)

Black (67%)



Cyan (76%)

Magenta (79%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D3654 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 3D3654 by changing the saturation by 10% instead.

■ 3D3654

■ 3D3654

FFFFFF

■ 27213D

■ 6D6586

■ 130A27

■ 877EA0

■ 000111

■ A198BB

■ 000000

■ BCB2D7

■ D8CEF3

■ F5EAF3

■ 3D3654

■ 3D3654

■ 372E54

■ 433E54

■ 302554

■ 4A4754

■ 2A1D54

■ 504F54

■ 231454

■ 575854

■ 1D0C54

■ 5D6054

■ 160454

■ 646854

■ 140054

■ 6A7154

■ 717954

■ 778254

Harmonies

Analogous

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



243B58



3D3654



4E3149

Triad

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



3D3654



4F3420



06423B

Complementary

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



3D3654



4D5436

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.



20412B



3D3654



433A1C

Square

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



3D3654



56302B



333E20



00424A

Rectangle

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



3D3654



552F3F



333E20



114236

Sweetspot

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



3D3654



64626E



364D54



333138



B8B8B8



383838

Same Dimension

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



3D3654



4A3F6E



4C3654



262529



180069



3600E8

Inverse Universe

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



54364D



6E3F63



3E5436



292528



690050



E800B2

Previews

White Background



This preview shows how the Hex color 3D3654 looks on a white background.

Color Contrast Check

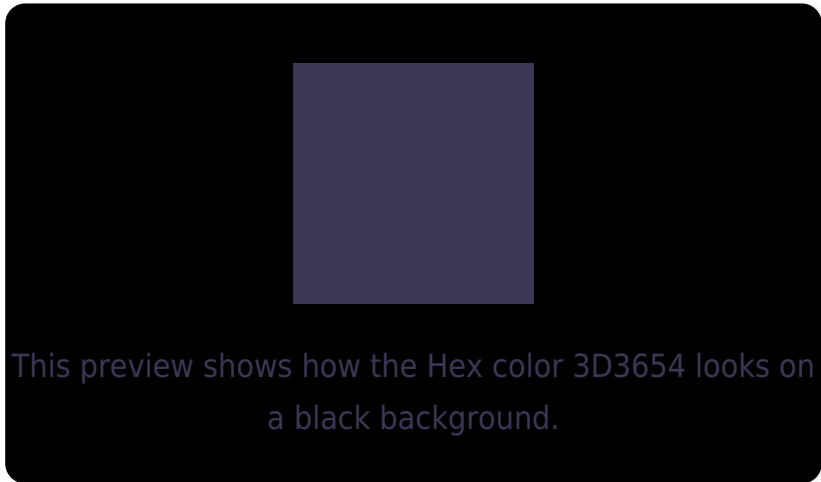
Large Text (above 18pt) WCAG AA ✓ Pass

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

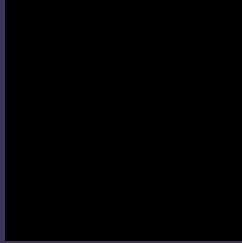
Any Text WCAG AA × Fail

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 3D3654 Background



This preview shows how black text looks on a background with the Hex color 3D3654.



This preview shows how white text looks on a background with the Hex color 3D3654.

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
3D3654

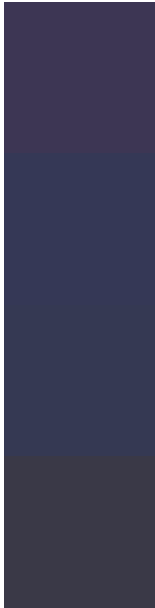
Protanopia
303957

Deuteranopia
313A53



Tritanopia
393A3F

Trichromacy



Original Color
3D3654

Protanomaly
353856

Deuteranomaly
353953

Tritanomaly
3A3947

Monochromacy



Original Color
3D3654

Achromatopsia
3C3C3C

Achromatomaly
3C3A45

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D3654 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 #3D3654 looks like.

```
.text, #text, p{  
    color:#3D3654  
}
```

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 #3D3654 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3654
}
```

Border

The CSS property to change the border of an element to Hex 3D3654 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
#3D3654 }
```

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

```
.border{ border-color:#3D3654 }
```

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

Here you see how a box with a 4 pixel #3D3654 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3654; -webkit-box-shadow:4px 4px  
4px 4px #3D3654; box-shadow:4px 4px 4px  
4px #3D3654 }
```

Background

The CSS property to change the background color of an element to Hex 3D3654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3654 }
```

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

```
.background{ background-color:#3D3654 }
```

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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