

Converting Colors

Hex(3D3042)

Have a look what the booklet for
Hex(3D3042) contains.

| | |
|--|----|
| Hex(3D3042) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(3D3042)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------|
| Hex | 3D3042 |
| RGB | 61, 48, 66 |
| RGB Percent | 24%, 19%, 26% |
| CMY | 0.7608, 0.8118, 0.7412 |
| CMYK | 0.08, 0.27, 0.00, 0.74 |
| HSL | 283°, 16%, 22% |
| HSV | 283°, 27%, 26% |
| XYZ | 3.9648, 3.4994, 5.6207 |
| YIQ | 53.9390, 1.9700, 8.3540 |

Conversions

Conversions Part 2

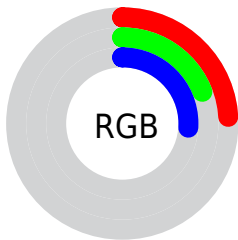
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 61, 48, 66 |
| Decimal | 4010050 |
| CIELab | 21.94, 9.86, -9.05 |
| CIElCh | 22, 13.387, 317.456 |
| Yxy | 3.4994, 0.3030, 0.2674 |
| Android (android.graphics.Color) | 4282200130 (0xFF3D3042) |
| YUV | 53.9390, 5.9461, 6.1925 |
| Hunter-Lab | 18.7066, 5.0960, -4.7202 |

Details


The Hex color **3D3042** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **354230**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **6D5E72**, and **140018** is the 20% darker color. If you saturate the color by 10%, you get **3B2942**, and if you desaturate by 10%, it is **3F3742**.

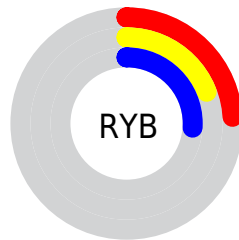
Distribution



 Red (24%)

 Green (19%)

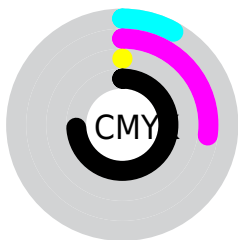
 Blue (26%)



 Red (24%)

 Yellow (19%)

 Blue (26%)

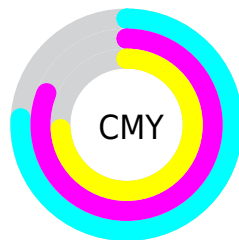


 Cyan (8%)

 Magenta (27%)

 Yellow (0%)

 Black (74%)



 Cyan (76%)

 Magenta (81%)

 Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D3042 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 3D3042 by changing the saturation by 10% instead.



3D3042



3D3042

FFFFFF



271B2C



6D5E72



140018



86778B



000000



A090A6



BBABC1



D7C6DD



F3E2F9



3D3042



3D3042



3B2942



3F3742

■ 392342

■ 413D42

■ 371C42

■ 434442

■ 361642

■ 444A42

■ 340F42

■ 465142

■ 320842

■ 485842

■ 300242

■ 4A5E42

■ 300042

■ 4C6542

■ 4E6B42

Harmonies

Analogous

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



303347



3D3042



452E39

Triad

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



3D3042



3F3221



163A3A

Complementary

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



3D3042



354230

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.



1F3A30



3D3042



363621

Square

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



3D3042



462F26



2A3827



163943

Rectangle

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



3D3042



482D32



2A3827



183A37

Sweetspot

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



3D3042



555057



303542



2A272B



ABABAB



2B2B2B

Same Dimension

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



3D3042



4F3A57



42303E



201E21



460061



A200E0

Inverse Universe

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



423035



573A42



304234



211E1F



61001B



E0003E

Previews

White Background



This preview shows how the Hex color 3D3042 looks on a white background.

Color Contrast Check

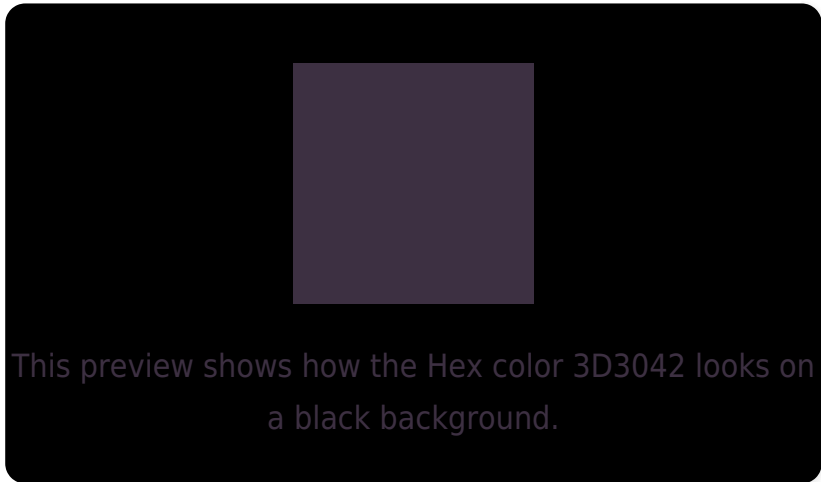
Large Text (above 18pt) WCAG AA ✓ Pass

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

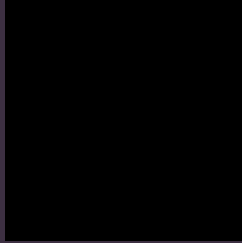
Any Text WCAG AA × Fail

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 3D3042 Background



This preview shows how black text looks on a background with the Hex color 3D3042.



This preview shows how white text looks on a background with the Hex color 3D3042.

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
3D3042

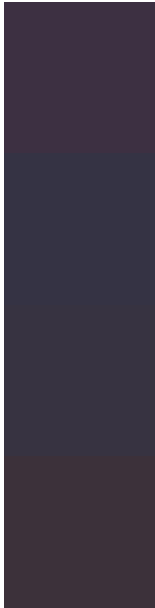
Protanopia
303445

Deuteranopia
333441



Tritanopia
3B3236

Trichromacy



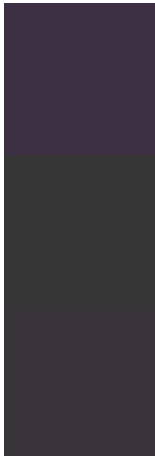
Original Color
3D3042

Protanomaly
353344

Deuteranomaly
373341

Tritanomaly
3C313A

Monochromacy



Original Color
3D3042

Achromatopsia
363636

Achromatomaly
39343A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D3042 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 #3D3042 looks like.

```
.text, #text, p{  
    color:#3D3042  
}
```

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 #3D3042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3042
}
```

Border

The CSS property to change the border of an element to Hex 3D3042 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
#3D3042 }
```

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

```
.border{ border-color:#3D3042 }
```

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

Here you see how a box with a 4 pixel #3D3042 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3042; -webkit-box-shadow:4px 4px  
4px 4px #3D3042; box-shadow:4px 4px 4px  
4px #3D3042 }
```

Background

The CSS property to change the background color of an element to Hex 3D3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3042 }
```

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

```
.background{ background-color:#3D3042 }
```

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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