

Converting Colors

Hex(302D64)

Have a look what the booklet for
Hex(302D64) contains.

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Color

Hex(302D64)

Conversions

Conversions Part 1

Format	Color
Hex	302D64
RGB	48, 45, 100
RGB Percent	19%, 18%, 39%
CMY	0.8118, 0.8235, 0.6078
CMYK	0.52, 0.55, 0.00, 0.61
HSL	243°, 38%, 28%
HSV	243°, 55%, 39%
XYZ	4.4576, 3.4253, 12.4828
YIQ	52.1670, -15.8670, 17.7410

Conversions

Conversions Part 2

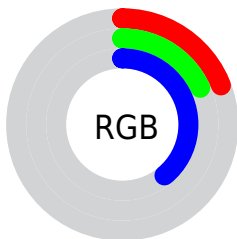
Format	Color
RYB	48, 45, 100
Decimal	3157348
CIELab	21.67, 17.93, -32.21
CIElCh	22, 36.861, 299.107
Yxy	3.4253, 0.2189, 0.1682
Android (android.graphics.Color)	4281347428 (0xFF302D64)
YUV	52.1670, 23.5817, -3.6545
Hunter-Lab	18.5074, 10.6042, -27.0344

Details

The Hex color **302D64** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **61642D**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **625B97**, and **010035** is the 20% darker color. If you saturate the color by 10%, you get **272364**, and if you desaturate by 10%, it is **393764**.

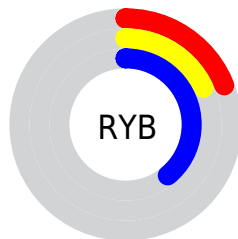
Distribution



 Red (19%)

 Green (18%)

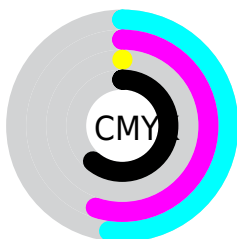
 Blue (39%)





 Red (19%)

 Yellow (18%)

 Blue (39%)

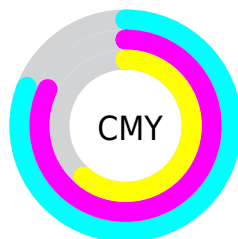



 Cyan (52%)


 Magenta (55%)

 Yellow (0%)

 Black (61%)



 Cyan (81%)

 Magenta (82%)

 Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302D64 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 302D64 by changing the saturation by 10% instead.

■ 302D64

■ 302D64

FFFFFF

■ 16184C

■ 625B97

■ 010035

■ 7C73B2

■ 00021F

■ 978DCE

■ 000001

■ B2A7EA

■ 000000

■ CEC2FF

■ EBDEFF

■ FFFBFF

■ 302D64

■ 302D64

■ 272364

■ 393764

■ 1D1964

■ 434164

■ 140F64

■ 4C4B64

■ 0A0564

■ 565564

■ 050064

■ 5F5F64

■ 696964

■ 727364

■ 7C7D64

■ 858764

Harmonies

Analogous

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



00386B



302D64



531F50

Triad

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



302D64



562700



004032

Complementary

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



302D64



61642D

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.



003E16



302D64



423200

Square

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



302D64



621A1B



263A00



00404E

Rectangle

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



302D64



5F173F



263A00



004029

Sweetspot

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



302D64



6D6C82



2D6164



363542



C2C2C2



424242

Same Dimension

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



302D64



312C82



4B2D64



2E2E33



060073



0D00F2

Inverse Universe

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



642D61



822C7D



46642D



332E33



73006C



F200E5

Previews

White Background



This preview shows how the Hex color 302D64 looks on a white background.

Color Contrast Check

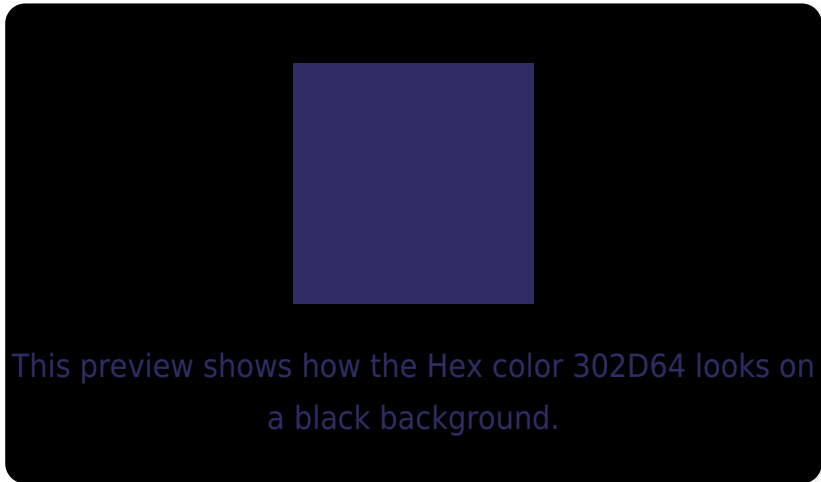
Large Text (above 18pt) WCAG AA ✓ Pass

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

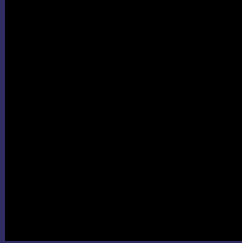
Any Text WCAG AA × Fail

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 302D64 Background



This preview shows how black text looks on a background with the Hex color 302D64.



This preview shows how white text looks on a background with the Hex color 302D64.

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
302D64

Protanopia
0B326A

Tritanopia
23373C

Trichromacy



Original Color
302D64

Protanomaly
183068

Tritanomaly
28334B

Monochromacy



Original Color
302D64

Achromatopsia
343434

Achromatomaly
333145

CSS Examples

Text

The CSS property to change the color of the text to Hex 302D64 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 #302D64 looks like.

```
.text, #text, p{  
    color:#302D64  
}
```

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 #302D64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302D64
}
```

Border

The CSS property to change the border of an element to Hex 302D64 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
#302D64 }
```

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

```
.border{ border-color:#302D64 }
```

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

Here you see how a box with a 4 pixel #302D64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302D64; -webkit-box-shadow:4px 4px  
4px 4px #302D64; box-shadow:4px 4px 4px  
4px #302D64 }
```

Background

The CSS property to change the background color of an element to Hex 302D64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302D64 }
```

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

```
.background{ background-color:#302D64 }
```

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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