

Converting Colors

Hex(40264C)

Have a look what the booklet for
Hex(40264C) contains.

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Color

Hex(40264C)

Conversions

Conversions Part 1

Format	Color
Hex	40264C
RGB	64, 38, 76
RGB Percent	25%, 15%, 30%
CMY	0.7490, 0.8510, 0.7020
CMYK	0.16, 0.50, 0.00, 0.70
HSL	281°, 33%, 22%
HSV	281°, 50%, 30%
XYZ	4.1120, 2.9980, 7.1994
YIQ	50.1060, 3.2980, 17.3300

Conversions

Conversions Part 2

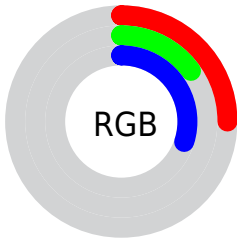
Format	Color
RYB	64, 38, 76
Decimal	4204108
CIELab	20.04, 20.20, -18.74
CIElCh	20, 27.555, 317.140
Yxy	2.9980, 0.2874, 0.2095
Android (android.graphics.Color)	4282394188 (0xFF40264C)
YUV	50.1060, 12.7657, 12.1850
Hunter-Lab	17.3148, 12.0899, -12.5322

Details

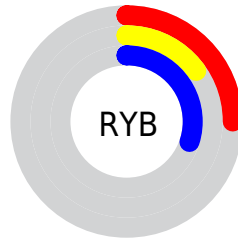
The Hex color **40264C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **324C26**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **71547D**, and **180020** is the 20% darker color. If you saturate the color by 10%, you get **3E1E4C**, and if you desaturate by 10%, it is **422E4C**.

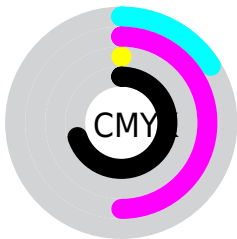
Distribution



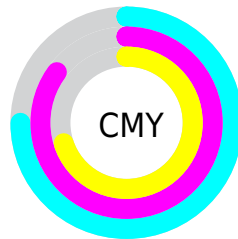
- Red (25%)
- Green (15%)
- Blue (30%)



- Red (25%)
- Yellow (15%)
- Blue (30%)



- Cyan (16%)
- Magenta (50%)
- Yellow (0%)
- Black (70%)



- Cyan (75%)
- Magenta (85%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40264C 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 40264C by changing the saturation by 10% instead.

■ 40264C

■ 40264C

FFFFFF

■ 291135

■ 71547D

■ 180020

■ 8B6C97

■ 000004

■ A586B2

■ 000000

■ C0A0CD

■ DCBBEA

■ F9D7FF

■ FFF3FF

■ 40264C

■ 40264C

■ 3E1E4C

■ 422E4C

■ 3B174C

■ 45354C

■ 390F4C

■ 473D4C

■ 36084C

■ 4A444C

■ 34004C

■ 4C4C4C

■ 4E544C

■ 515B4C

■ 53634C

■ 566A4C

Harmonies

Analogous

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



202F57



40264C



511F3A

Triad

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



40264C



422C04



003A3C

Complementary

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



40264C



324C26

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.



003927



40264C



303304

Square

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



40264C



4F2413



183713



00394E

Rectangle

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



40264C



551D2C



183713



003A35

Sweetspot

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



40264C



5F5563



26324C



302A33



B3B3B3



333333

Same Dimension

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



40264C



512863



4C2645



252226



460066



9D00E6

Inverse Universe

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



4C2632



63283B



264C2D



262224



660020



E60048

Previews

White Background



This preview shows how the Hex color 40264C looks on a white background.

Color Contrast Check

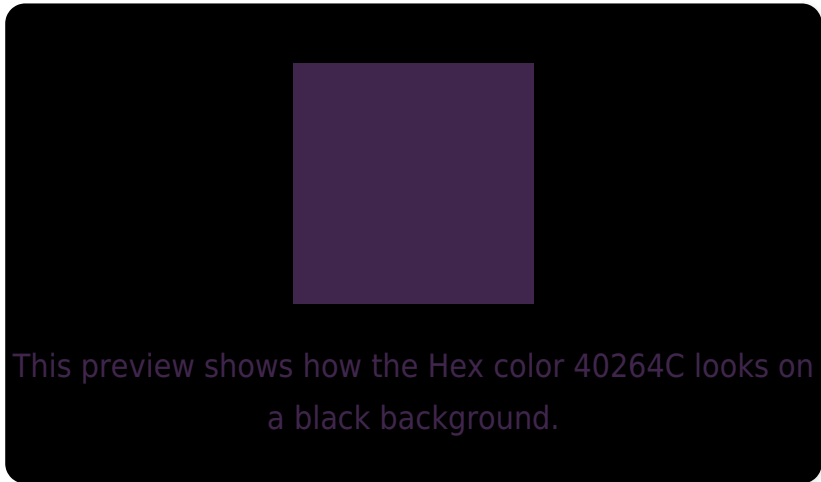
Large Text (above 18pt) WCAG AA ✓ Pass

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

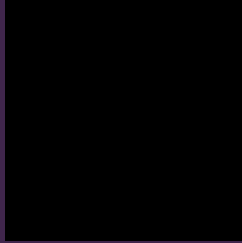
Any Text WCAG AA × Fail

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 40264C Background



This preview shows how black text looks on a background with the Hex color 40264C.



This preview shows how white text looks on a background with the Hex color 40264C.

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
40264C

Protanopia
203055

Deuteranopia
25314A



Tritanopia
3C2D30

Trichromacy



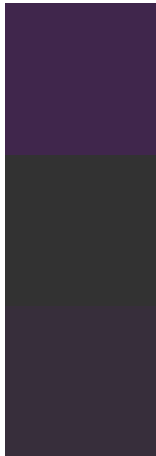
Original Color
40264C

Protanomaly
2C2C52

Deuteranomaly
2F2D4B

Tritanomaly
3D2A3A

Monochromacy



Original Color
40264C

Achromatopsia
323232

Achromatomaly
372E3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 40264C 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 #40264C looks like.

```
.text, #text, p{  
    color:#40264C  
}
```

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 #40264C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40264C
}
```

Border

The CSS property to change the border of an element to Hex 40264C is called "border". The border property can be set on classes, ids or directly on the HTML element.

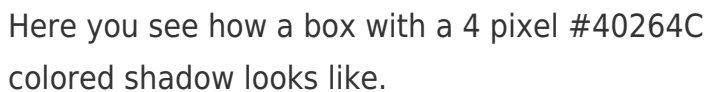
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40264C }
```

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

```
.border{ border-color:#40264C }
```

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



Here you see how a box with a 4 pixel #40264C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40264C; -webkit-box-shadow:4px 4px  
4px 4px #40264C; box-shadow:4px 4px 4px  
4px #40264C }
```

Background

The CSS property to change the background color of an element to Hex 40264C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40264C }
```

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

```
.background{ background-color:#40264C }
```

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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