

Converting Colors

Hex(42304B)

Have a look what the booklet for
Hex(42304B) contains.

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Color

Hex(42304B)

Conversions

Conversions Part 1

Format	Color
Hex	42304B
RGB	66, 48, 75
RGB Percent	26%, 19%, 29%
CMY	0.7412, 0.8118, 0.7059
CMYK	0.12, 0.36, 0.00, 0.71
HSL	280°, 22%, 24%
HSV	280°, 36%, 29%
XYZ	4.5737, 3.7802, 7.1452
YIQ	56.4600, 2.0610, 12.2130

Conversions

Conversions Part 2

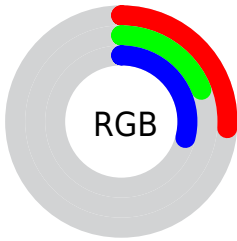
Format	Color
R_{YB}	66, 48, 75
Decimal	4337739
CIE _{Lab}	22.93, 14.06, -13.55
CIE _{LCh}	23, 19.524, 316.059
Yxy	3.7802, 0.2951, 0.2439
Android (android.graphics.Color)	4282527819 (0xFF42304B)
YUV	56.4600, 9.1402, 8.3666
Hunter-Lab	19.4426, 7.9661, -8.1793

Details

The Hex color **42304B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **394B30**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **725E7C**, and **19011F** is the 20% darker color. If you saturate the color by 10%, you get **40294B**, and if you desaturate by 10%, it is **45384B**.

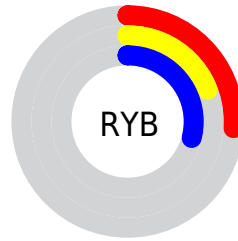
Distribution



Red (26%)

Green (19%)

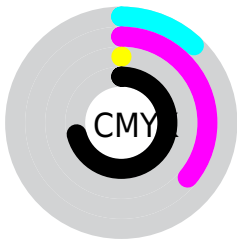
Blue (29%)



Red (26%)

Yellow (19%)

Blue (29%)

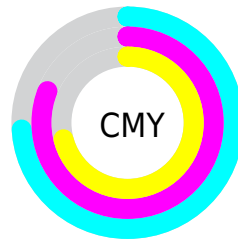


Cyan (12%)

Magenta (36%)

Yellow (0%)

Black (71%)



Cyan (74%)

Magenta (81%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42304B 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 42304B by changing the saturation by 10% instead.



42304B



42304B

FFFFFF



2C1B34



725E7C



19011F



8C7796



000003



A791B0



000000



C2ABCC



DEC7E8



FAE3FF



42304B



42304B



40294B



45384B

■ 3D214B

■ 473F4B

■ 3B194B

■ 4A474B

■ 38124B

■ 4C4E4B

■ 360B4B

■ 4F564B

■ 33034B

■ 515D4B

■ 32004B

■ 54654B

■ 566C4B

■ 58744B

Harmonies

Analogous

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



2E3553



42304B



4F2C3E

Triad

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



42304B



46331A



003E3E

Complementary

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



42304B



394B30

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.



133E2F



42304B



38381A

Square

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



42304B



4F2E22



283C22



003D4B

Rectangle

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



42304B



522B34



283C22



003E39

Sweetspot

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



42304B



5D5661



30394B



2E2A30



B0B0B0



303030

Same Dimension

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



42304B



533761



4B3046



252226



440066



9900E6

Inverse Universe

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



4B3039



613745



304B34



262224



660022



E6004D

Previews

White Background



This preview shows how the Hex color 42304B 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

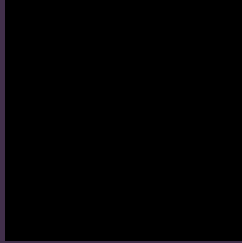
Any Text WCAG AA × Fail

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 42304B Background



This preview shows how black text looks on a background with the Hex color 42304B.



This preview shows how white text looks on a background with the Hex color 42304B.

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](#).

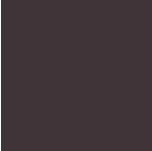
Dichromacy



Original Color
42304B

Protanopia
2F3650

Deuteranopia
32364A



Tritanopia
3F3438

Trichromacy



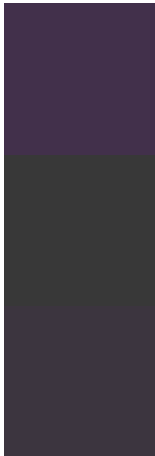
Original Color
42304B

Protanomaly
36344E

Deuteranomaly
38344A

Tritanomaly
40333F

Monochromacy



Original Color
42304B

Achromatopsia
383838

Achromatomaly
3C353F

CSS Examples

Text

The CSS property to change the color of the text to Hex 42304B 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 #42304B looks like.

```
.text, #text, p{  
    color:#42304B  
}
```

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 #42304B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42304B
}
```

Border

The CSS property to change the border of an element to Hex 42304B 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".

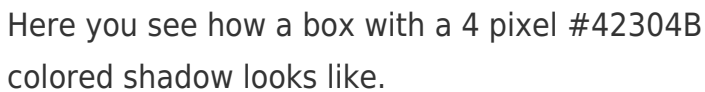
```
.border, #border, table{ border:4px solid
#42304B }
```

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

```
.border{ border-color:#42304B }
```

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

Here you see how a box with a 4 pixel #42304B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42304B; -webkit-box-shadow:4px 4px  
4px 4px #42304B; box-shadow:4px 4px 4px  
4px #42304B }
```

Background

The CSS property to change the background color of an element to Hex 42304B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42304B }
```

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

```
.background{ background-color:#42304B }
```

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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