

Converting Colors

Hex(24234B)

Have a look what the booklet for
Hex(24234B) contains.

Hex(24234B)	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(24234B)

Conversions

Conversions Part 1

Format	Color
Hex	24234B
RGB	36, 35, 75
RGB Percent	14%, 14%, 29%
CMY	0.8588, 0.8627, 0.7059
CMYK	0.52, 0.53, 0.00, 0.71
HSL	242°, 36%, 22%
HSV	242°, 53%, 29%
XYZ	2.5986, 2.0851, 6.9221
YIQ	39.8590, -12.2440, 12.6520

Conversions

Conversions Part 2

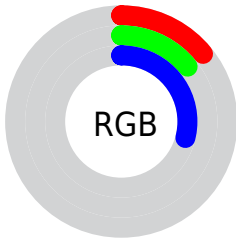
Format	Color
RYB	36, 35, 75
Decimal	2368331
CIELab	15.93, 13.01, -24.77
CIElCh	16, 27.981, 297.701
Yxy	2.0851, 0.2239, 0.1797
Android (android.graphics.Color)	4280558411 (0xFF24234B)
YUV	39.8590, 17.3245, -3.3843
Hunter-Lab	14.4400, 6.8525, -18.3140

Details

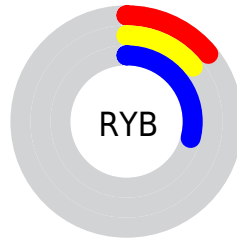
The Hex color **24234B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4A4B23**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **544F7C**, and **00021F** is the 20% darker color. If you saturate the color by 10%, you get **1D1C4B**, and if you desaturate by 10%, it is **2B2B4B**.

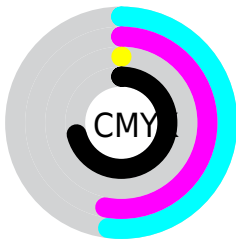
Distribution



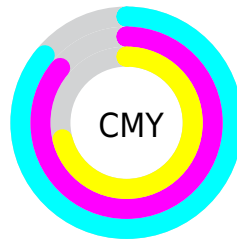
- Red (14%)
- Green (14%)
- Blue (29%)



- Red (14%)
- Yellow (14%)
- Blue (29%)



- Cyan (52%)
- Magenta (53%)
- Yellow (0%)
- Black (71%)



- Cyan (86%)
- Magenta (86%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24234B 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 24234B by changing the saturation by 10% instead.

■ 24234B

■ 24234B

FFFFFF

■ 0D0E34

■ 544F7C

■ 00021F

■ 6D6796

■ 000001

■ 8780B1

■ 000000

■ A19ACD

■ BDB5E9

■ D9D1FF

■ F5EDFF

■ 24234B

■ 24234B

■ 1D1C4B

■ 2B2B4B

■ 15144B

■ 33324B

■ 0E0C4B

■ 3A3A4B

■ 07054B

■ 41414B

■ 02004B

■ 49494B

■ 50504B

■ 57574B

■ 5E5F4B

■ 66674B

Harmonies

Analogous

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



002A4F



24234B



3E1A3D

Triad

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



24234B



421E00



003125

Complementary

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



24234B



4A4B23

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.



002F11



24234B



342600

Square

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



24234B



4A1616



202C00



00313A

Rectangle

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



24234B



471531



202C00



00301E

Sweetspot

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



24234B



525161



234A4B



272730



B0B0B0



303030

Same Dimension

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



24234B



242361



38234B



232226



030066



0600E6

Inverse Universe

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



4B234A



61235F



364B23



262226



660063



E600E0

Previews

White Background



This preview shows how the Hex color 24234B looks on a white background.

Color Contrast Check

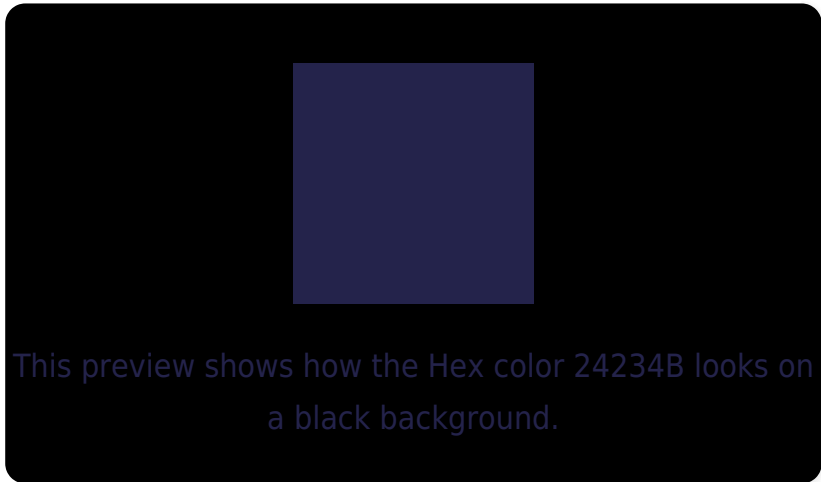
Large Text (above 18pt) WCAG AA ✓ Pass

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

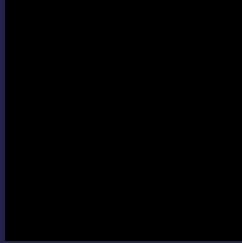
Any Text WCAG AA × Fail

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 24234B Background



This preview shows how black text looks on a background with the Hex color 24234B.



This preview shows how white text looks on a background with the Hex color 24234B.

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
24234B

Protanopia
0E264F

Deuteranopia
002948



Tritanopia
1B2A2E

Trichromacy



Original Color
24234B

Protanomaly
16254E

Deuteranomaly
0D2749

Tritanomaly
1E2739

Monochromacy



Original Color
24234B

Achromatopsia
282828

Achromatomaly
272635

CSS Examples

Text

The CSS property to change the color of the text to Hex 24234B 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 #24234B looks like.

```
.text, #text, p{  
    color:#24234B  
}
```

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 #24234B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24234B
}
```

Border

The CSS property to change the border of an element to Hex 24234B 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".

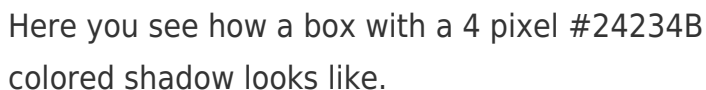
```
.border, #border, table{ border:4px solid
#24234B }
```

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

```
.border{ border-color:#24234B }
```

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

Here you see how a box with a 4 pixel #24234B colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24234B; -webkit-box-shadow:4px 4px  
4px 4px #24234B; box-shadow:4px 4px 4px  
4px #24234B }
```

Background

The CSS property to change the background color of an element to Hex 24234B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24234B }
```

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

```
.background{ background-color:#24234B }
```

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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