

Converting Colors

Hex(24354C)

Have a look what the booklet for
Hex(24354C) contains.

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Color

Hex(24354C)

Conversions

Conversions Part 1

Format	Color
Hex	24354C
RGB	36, 53, 76
RGB Percent	14%, 21%, 30%
CMY	0.8588, 0.7922, 0.7020
CMYK	0.53, 0.30, 0.00, 0.70
HSL	214°, 36%, 22%
HSV	214°, 53%, 30%
XYZ	3.3052, 3.4431, 7.3279
YIQ	50.5390, -17.5150, 3.5490

Conversions

Conversions Part 2

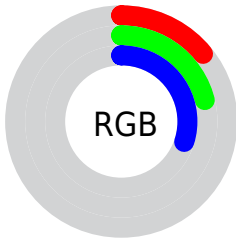
Format	Color
R_{YB}	36, 48, 76
Decimal	2372940
CIE _{Lab}	21.74, 0.54, -16.29
CIE _{LCh}	22, 16.296, 271.894
Yxy	3.4431, 0.2348, 0.2446
Android (android.graphics.Color)	4280563020 (0xFF24354C)
YUV	50.5390, 12.5523, -12.7507
Hunter-Lab	18.5555, -0.6772, -10.4256

Details

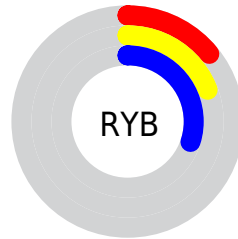
The Hex color **24354C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4C3B24**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **53637D**, and **000820** is the 20% darker color. If you saturate the color by 10%, you get **1C314C**, and if you desaturate by 10%, it is **2C394C**.

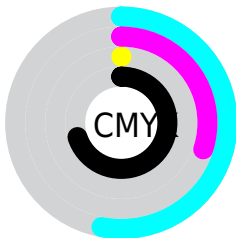
Distribution



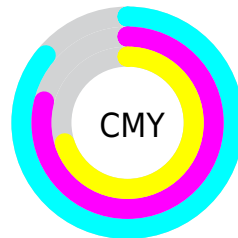
- Red (14%)
- Green (21%)
- Blue (30%)



- Red (14%)
- Yellow (19%)
- Blue (30%)



- Cyan (53%)
- Magenta (30%)
- Yellow (0%)
- Black (70%)



- Cyan (86%)
- Magenta (79%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24354C 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 24354C by changing the saturation by 10% instead.



24354C



24354C

FFFFFF



0C2035



53637D



000820



6C7C97



000005



8696B2



000000



A1B1CD



BCCCE9



D8E8FF



F4FFFF



24354C



24354C

■ 1C314C

■ 2C394C

■ 152C4C

■ 333E4C

■ 0D284C

■ 3B424C

■ 06244C

■ 42464C

■ 00204C

■ 4A4B4C

■ 524F4C

■ 59544C

■ 61584C

■ 685C4C

Harmonies

Analogous

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



0F3849



24354C



363149

Triad

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



24354C



4B2C28



203A28

Complementary

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



24354C



4C3B24

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.



2F371F



24354C



452F1F

Square

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



24354C



4B2B34



3B341C



103B34

Rectangle

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



24354C



402E43



3B341C



253925

Sweetspot

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



24354C



545A63



244C3B



292D33



B3B3B3



333333

Same Dimension

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



24354C



253F63



27244C



222426



002B66



0062E6

Inverse Universe

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



4C2435



63253F



494C24



262224



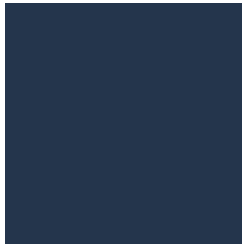
66002B



E60062

Previews

White Background



This preview shows how the Hex color 24354C looks on a white background.

Color Contrast Check

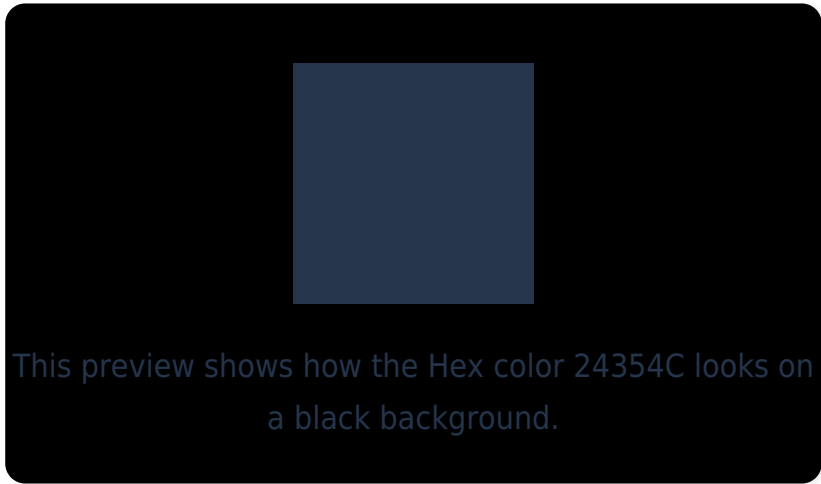
Large Text (above 18pt) WCAG AA ✓ Pass

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

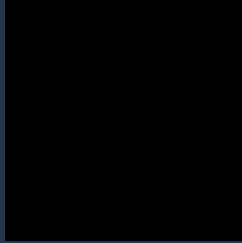
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

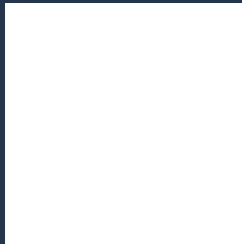
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 24354C Background



This preview shows how black text looks on a background with the Hex color 24354C.



This preview shows how white text looks on a background with the Hex color 24354C.

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](#).

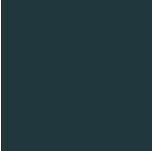
Dichromacy



Original Color
24354C

Protanopia
2D334B

Deuteranopia
2A344C



Tritanopia
1F383D

Trichromacy



Original Color
24354C

Protanomaly
2A344B

Deuteranomaly
28344C

Tritanomaly
213742

Monochromacy



Original Color
24354C

Achromatopsia
333333

Achromatomaly
2E343C

CSS Examples

Text

The CSS property to change the color of the text to Hex 24354C 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 #24354C looks like.

```
.text, #text, p{  
    color:#24354C  
}
```

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 #24354C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24354C
}
```

Border

The CSS property to change the border of an element to Hex 24354C is called "border". The border property can be set on classes, ids or directly on the HTML element.

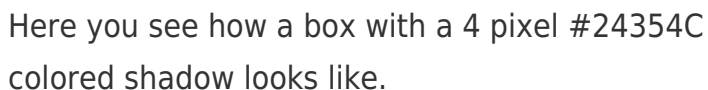
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#24354C }
```

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

```
.border{ border-color:#24354C }
```

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



Here you see how a box with a 4 pixel #24354C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24354C; -webkit-box-shadow:4px 4px  
4px 4px #24354C; box-shadow:4px 4px 4px  
4px #24354C }
```

Background

The CSS property to change the background color of an element to Hex 24354C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24354C }
```

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

```
.background{ background-color:#24354C }
```

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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