

Converting Colors

Hex(24350C)

Have a look what the booklet for
Hex(24350C) contains.

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Color

Hex(24350C)

Conversions

Conversions Part 1

Format	Color
Hex	24350C
RGB	36, 53, 12
RGB Percent	14%, 21%, 5%
CMY	0.8588, 0.7922, 0.9529
CMYK	0.32, 0.00, 0.77, 0.79
HSL	85°, 63%, 13%
HSV	85°, 77%, 21%
XYZ	2.0670, 2.9478, 0.8079
YIQ	43.2430, 3.0290, -16.3550

Conversions

Conversions Part 2

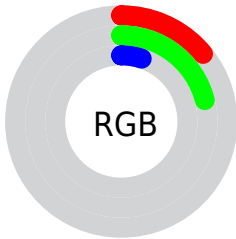
Format	Color
R_{YB}	12, 53, 29
Decimal	2372876
CIE _{Lab}	19.83, -14.89, 22.64
CIE _{LCh}	20, 27.099, 123.335
Yxy	2.9478, 0.3550, 0.5063
Android (android.graphics.Color)	4280562956 (0xFF24350C)
YUV	43.2430, -15.4028, -6.3521
Hunter-Lab	17.1692, -8.5563, 9.2287

Details

The Hex color **24350C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1D0C35**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **526438**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **223507**, and if you desaturate by 10%, it is **263511**.

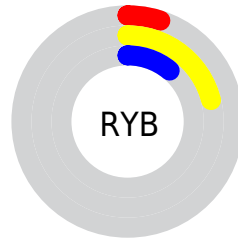
Distribution



Red (14%)

Green (21%)

Blue (5%)



Red (5%)

Yellow (21%)

Blue (11%)

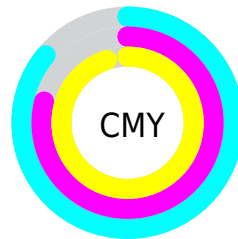


Cyan (32%)

Magenta (0%)

Yellow (77%)

Black (79%)



Cyan (86%)

Magenta (79%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24350C 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 24350C by changing the saturation by 10% instead.

 24350C

 24350C

 FFFFEE

 0F2000

 526438

 000000

 6B7D4F

 859768

 9FB181

 BACD9B

 D6E9B6

 F3FFD2

 24350C

 24350C

■ 223507

■ 263511

■ 203501

■ 283517

■ 1F3500

■ 2B351C

■ 2D3521

■ 2F3527

■ 31352C

■ 333531

■ 363536

■ 38353C

Harmonies

Analogous

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



393003



24350C



03381D

Triad

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



24350C



003753



531D2F

Complementary

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



24350C



1D0C35

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.



4A2142



24350C



023158

Square

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



24350C



003945



332A51



52211B

Rectangle

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



24350C



00392B



332A51



511E35

Sweetspot

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



24350C



3E4535



351C0C



20241A



A3A3A3



242424

Same Dimension

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



24350C



2A4505



10350C



181A17



345900



7FD900

Inverse Universe

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



1D0C35



1F0545



310C35



18171A



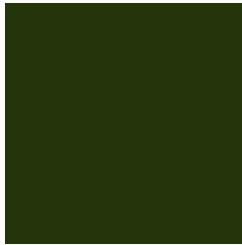
250059



5A00D9

Previews

White Background



This preview shows how the Hex color 24350C looks on a white background.

Color Contrast Check

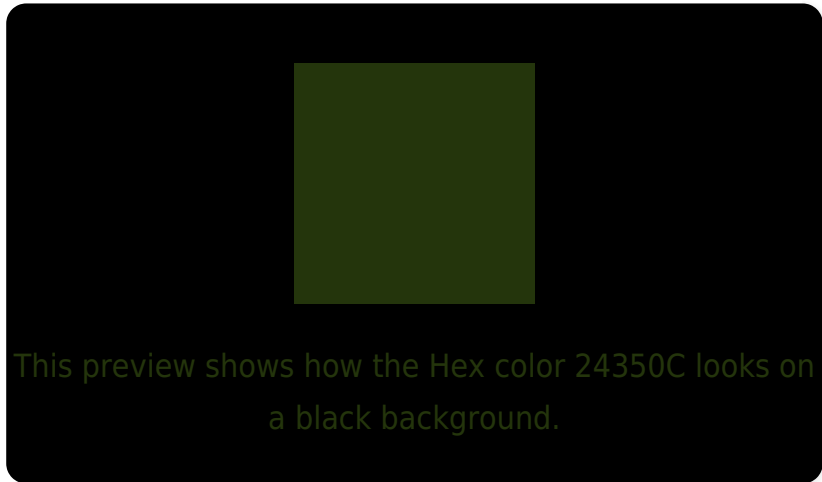
Large Text (above 18pt) WCAG AA ✓ Pass

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

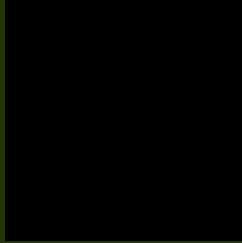
Any Text WCAG AA × Fail

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 24350C Background



This preview shows how black text looks on a background with the Hex color 24350C.



This preview shows how white text looks on a background with the Hex color 24350C.

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
24350C

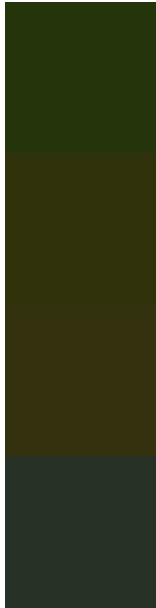
Protanopia
36300B

Deuteranopia
3C2E0F



Tritanopia
293135

Trichromacy



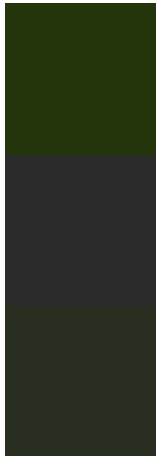
Original Color
24350C

Protanomaly
2F320B

Deuteranomaly
33310E

Tritanomaly
273226

Monochromacy



Original Color
24350C

Achromatopsia
2B2B2B

Achromatomaly
282F20

CSS Examples

Text

The CSS property to change the color of the text to Hex 24350C 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 #24350C looks like.

```
.text, #text, p{  
    color:#24350C  
}
```

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 #24350C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24350C
}
```

Border

The CSS property to change the border of an element to Hex 24350C is called "border". The border property can be set on classes, ids or directly on the HTML element.

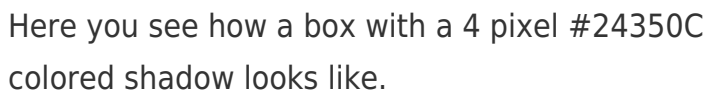
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#24350C }
```

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

```
.border{ border-color:#24350C }
```

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



Here you see how a box with a 4 pixel #24350C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24350C; -webkit-box-shadow:4px 4px  
4px 4px #24350C; box-shadow:4px 4px 4px  
4px #24350C }
```

Background

The CSS property to change the background color of an element to Hex 24350C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24350C }
```

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

```
.background{ background-color:#24350C }
```

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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