

Converting Colors

Hex(243D14)

Have a look what the booklet for
Hex(243D14) contains.

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Color

Hex(243D14)

Conversions

Conversions Part 1

Format	Color
Hex	243D14
RGB	36, 61, 20
RGB Percent	14%, 24%, 8%
CMY	0.8588, 0.7608, 0.9216
CMYK	0.41, 0.00, 0.67, 0.76
HSL	97°, 51%, 16%
HSV	97°, 67%, 24%
XYZ	2.5226, 3.7631, 1.2552
YIQ	48.8510, -1.7390, -18.0510

Conversions

Conversions Part 2

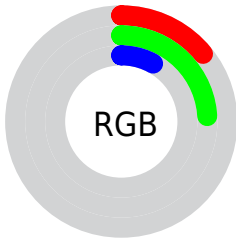
Format	Color
RYB	20, 61, 45
Decimal	2374932
CIELab	22.87, -18.41, 21.84
CIElCh	23, 28.564, 130.126
Yxy	3.7631, 0.3345, 0.4990
Android (android.graphics.Color)	4280565012 (0xFF243D14)
YUV	48.8510, -14.2235, -11.2703
Hunter-Lab	19.3986, -10.7357, 9.7426

Details

The Hex color **243D14** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2D143D**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **536D40**, and **001200** is the 20% darker color. If you saturate the color by 10%, you get **203D0E**, and if you desaturate by 10%, it is **283D1A**.

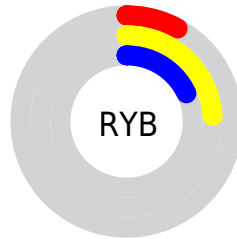
Distribution



Red (14%)

Green (24%)

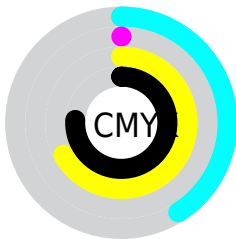
Blue (8%)



Red (8%)

Yellow (24%)

Blue (18%)

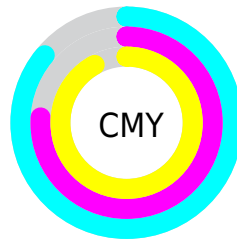


Cyan (41%)

Magenta (0%)

Yellow (67%)

Black (76%)



Cyan (86%)

Magenta (76%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 243D14 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 243D14 by changing the saturation by 10% instead.

 243D14

 243D14

 FFFFF8

 112700

 536D40

 001200

 6C8658

 000000

 85A071

 A0BB8A

 BBD7A5

 D7F4C0

 F3FFDC

 243D14

 243D14

■ 203D0E

■ 283D1A

■ 1D3D08

■ 2B3D20

■ 193D02

■ 2F3D26

■ 183D00

■ 333D2C

■ 373D33

■ 3A3D39

■ 3E3D3F

■ 423D45

■ 453D4B

Harmonies

Analogous

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



3B3808



243D14



004027

Triad

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



243D14



003D5E



5D2330

Complementary

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



243D14



2D143D

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.



562646



243D14



1A3761

Square

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



243D14



004052



412E57



5A281C

Rectangle

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



243D14



004136



412E57



5C2337

Sweetspot

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



243D14



454F3F



3D2D14



23291F



A8A8A8



292929

Same Dimension

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



243D14



284F0F



143D18



1D1F1C



255E00



57DE00

Inverse Universe

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



2D143D



360F4F



3D1439



1D1C1F



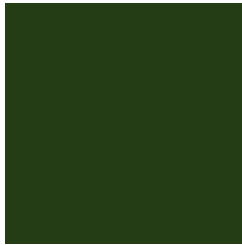
3A005E



8700DE

Previews

White Background



This preview shows how the Hex color 243D14 looks on a white background.

Color Contrast Check

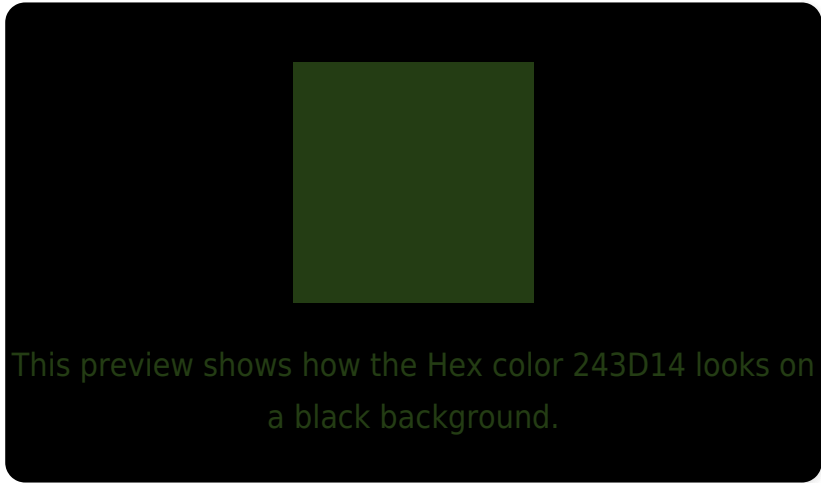
Large Text (above 18pt) WCAG AA ✓ Pass

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

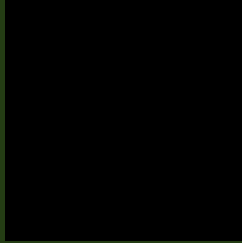
Any Text WCAG AA × Fail

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 243D14 Background



This preview shows how black text looks on a background with the Hex color 243D14.



This preview shows how white text looks on a background with the Hex color 243D14.

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](#).

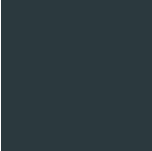
Dichromacy



Original Color
243D14

Protanopia
3D3712

Deuteranopia
443417



Tritanopia
2B393E

Trichromacy



Original Color
243D14

Protanomaly
343913

Deuteranomaly
383716

Tritanomaly
283A2F

Monochromacy



Original Color
243D14

Achromatopsia
313131

Achromatomaly
2C3526

CSS Examples

Text

The CSS property to change the color of the text to Hex 243D14 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 #243D14 looks like.

```
.text, #text, p{  
    color:#243D14  
}
```

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 #243D14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #243D14
}
```

Border

The CSS property to change the border of an element to Hex 243D14 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".

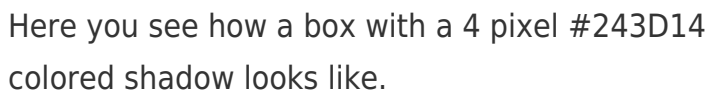
```
.border, #border, table{ border:4px solid
#243D14 }
```

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

```
.border{ border-color:#243D14 }
```

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

Here you see how a box with a 4 pixel #243D14 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #243D14; -webkit-box-shadow:4px 4px  
4px 4px #243D14; box-shadow:4px 4px 4px  
4px #243D14 }
```

Background

The CSS property to change the background color of an element to Hex 243D14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#243D14 }
```

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

```
.background{ background-color:#243D14 }
```

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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