

Converting Colors

Hex(234A01)

Have a look what the booklet for
Hex(234A01) contains.

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Color

Hex(234A01)

Conversions

Conversions Part 1

Format	Color
Hex	234A01
RGB	35, 74, 1
RGB Percent	14%, 29%, 0%
CMY	0.8627, 0.7098, 0.9961
CMYK	0.53, 0.00, 0.99, 0.71
HSL	92°, 97%, 15%
HSV	92°, 99%, 29%
XYZ	3.1474, 5.2571, 0.8775
YIQ	54.0170, 0.1890, -30.9710

Conversions

Conversions Part 2

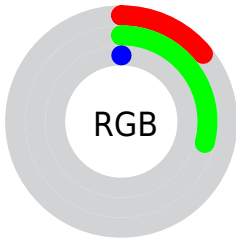
Format	Color
RYB	1, 74, 40
Decimal	2312705
CIELab	27.45, -26.74, 34.78
CIELCh	27, 43.877, 127.556
Yxy	5.2571, 0.3391, 0.5664
Android (android.graphics.Color)	4280502785 (0xFF234A01)
YUV	54.0170, -26.1374, -16.6779
Hunter-Lab	22.9283, -15.6217, 13.7806

Details

The Hex color **234A01** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **28014A**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **557B33**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **224A00**, and if you desaturate by 10%, it is **274A08**.

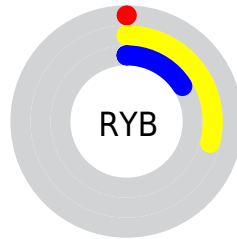
Distribution



Red (14%)

Green (29%)

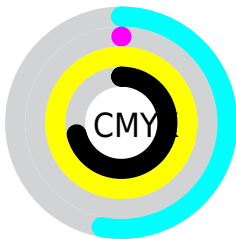
Blue (0%)



Red (0%)

Yellow (29%)

Blue (16%)

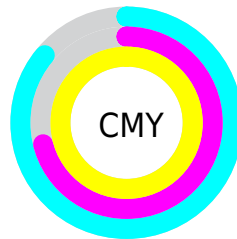


Cyan (53%)

Magenta (0%)

Yellow (99%)

Black (71%)



Cyan (86%)

Magenta (71%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 234A01 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 234A01 by changing the saturation by 10% instead.

 234A01

 234A01

 FFFFEB

 0A3300

 557B33

 002000

 6E954B

 000000

 89B064

 A4CB7D

 BFE898

 DCFFB3

 F9FFCF

 234A01

 234A01

■ 224A00

■ 274A08

■ 2B4A10

■ 2F4A17

■ 334A1F

■ 374A26

■ 3B4A2D

■ 3F4A35

■ 434A3C

■ 474A44

Harmonies

Analogous

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



484200



234A01



004E25

Triad

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



234A01



004B7F



7B193A

Complementary

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



234A01



28014A

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.



6F225B



234A01



004284

Square

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



234A01



004F69



4B3477



762519

Rectangle

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



234A01



004F3D



4B3477



791A45

Sweetspot

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



234A01



516144



4A2801



27301F



B0B0B0



303030

Same Dimension

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



234A01



2D6100



014A03



242622



306600



6BE600

Inverse Universe

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



28014A



340061



4A0148



242226



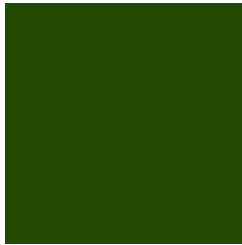
360066



7B00E6

Previews

White Background



This preview shows how the Hex color 234A01 looks on a white background.

Color Contrast Check

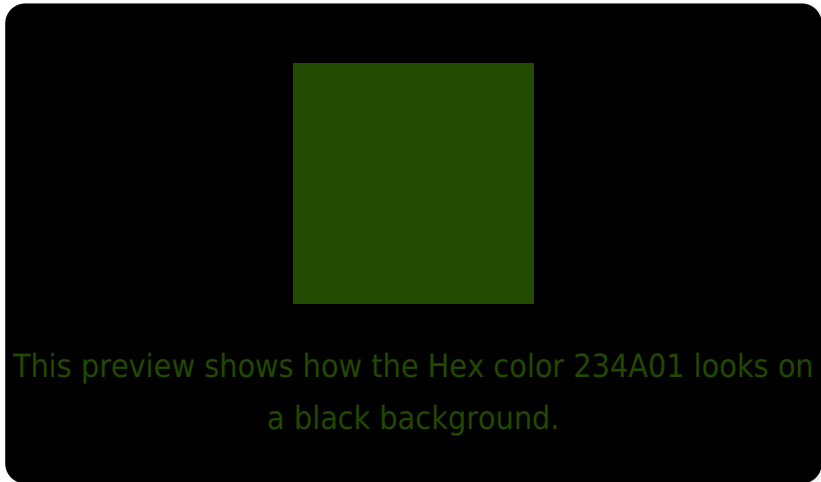
Large Text (above 18pt) WCAG AA ✓ Pass

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

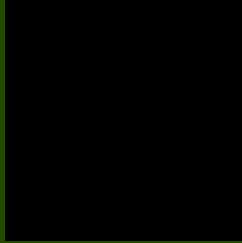
Any Text WCAG AA × Fail

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 234A01 Background



This preview shows how black text looks on a background with the Hex color 234A01.



This preview shows how white text looks on a background with the Hex color 234A01.

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](#).

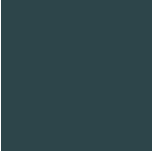
Dichromacy



Original Color
234A01

Protanopia
494100

Deuteranopia
523E0F



Tritanopia
2D454A

Trichromacy



Original Color
234A01

Protanomaly
3B4400

Deuteranomaly
41420A

Tritanomaly
29472F

Monochromacy



Original Color
234A01

Achromatopsia
363636

Achromatomaly
2F3D23

CSS Examples

Text

The CSS property to change the color of the text to Hex 234A01 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 #234A01 looks like.

```
.text, #text, p{  
  color:#234A01  
}
```

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 #234A01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #234A01
}
```

Border

The CSS property to change the border of an element to Hex 234A01 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
#234A01 }
```

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

```
.border{ border-color:#234A01 }
```

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

Here you see how a box with a 4 pixel #234A01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #234A01; -webkit-box-shadow:4px 4px  
4px 4px #234A01; box-shadow:4px 4px 4px  
4px #234A01 }
```

Background

The CSS property to change the background color of an element to Hex 234A01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#234A01 }
```

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

```
.background{ background-color:#234A01 }
```

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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