

Converting Colors

Hex(053201)

Have a look what the booklet for
Hex(053201) contains.

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Color

Hex(053201)

Conversions

Conversions Part 1

Format	Color
Hex	053201
RGB	5, 50, 1
RGB Percent	2%, 20%, 0%
CMY	0.9804, 0.8039, 0.9961
CMYK	0.90, 0.00, 0.98, 0.80
HSL	115°, 96%, 10%
HSV	115°, 98%, 20%
XYZ	1.2087, 2.3157, 0.4120
YIQ	30.9590, -11.0910, -24.7790

Conversions

Conversions Part 2

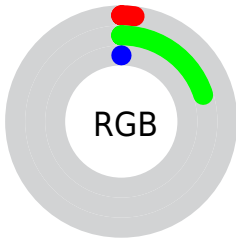
Format	Color
R_YB	1, 50, 46
Decimal	340481
CIE _{Lab}	17.06, -25.81, 23.53
CIE _{LCh}	17, 34.924, 137.649
Yxy	2.3157, 0.3071, 0.5883
Android (android.graphics.Color)	4278530561 (0xFF053201)
YUV	30.9590, -14.7698, -22.7660
Hunter-Lab	15.2173, -12.4525, 9.0469

Details

The Hex color **053201** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2E0132**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **366130**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **043200**, and if you desaturate by 10%, it is **0A3206**.

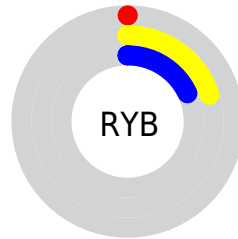
Distribution



Red (2%)

Green (20%)

Blue (0%)



Red (0%)

Yellow (20%)

Blue (18%)

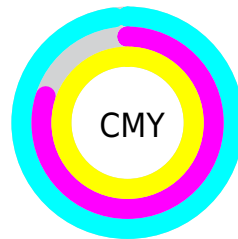


Cyan (90%)

Magenta (0%)

Yellow (98%)

Black (80%)



Cyan (98%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 053201 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 053201 by changing the saturation by 10% instead.

 053201

 053201

 F1FFE4

 001F00

 366130

 000000

 4F7A47

 68945F

 82AF78

 9DCA92

 B8E7AC

 D4FFC8

 053201

 053201

■ 043200

■ 0A3206

■ 0E320B

■ 133210

■ 173215

■ 1C321A

■ 21321F

■ 253224

■ 2A3229

■ 2E322E

Harmonies

Analogous

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



282D00



053201



00341E

Triad

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



053201



00305B



550D1D

Complementary

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



053201



2E0132

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.



510E35



053201



0A285A

Square

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



053201



00344F



3D1B4C



4E1900

Rectangle

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



053201



003530



3D1B4C



550B25

Sweetspot

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



053201



2F402D



322E01



162116



A1A1A1



212121

Same Dimension

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



053201



054000



013215



171A17



075900



12D900

Inverse Universe

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



2E0132



3B0040



32011E



19171A



520059



C700D9

Previews

White Background



This preview shows how the Hex color 053201 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

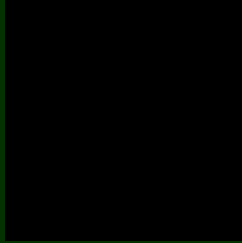
Any Text WCAG AA × Fail

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 053201 Background



This preview shows how black text looks on a background with the Hex color 053201.



This preview shows how white text looks on a background with the Hex color 053201.

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
053201

Protanopia
302B00

Deuteranopia
36290B



Tritanopia
152E32

Trichromacy



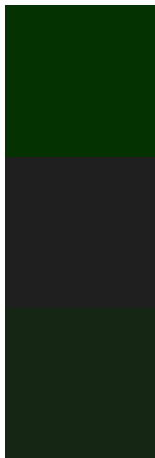
Original Color
053201

Protanomaly
202E00

Deuteranomaly
242C07

Tritanomaly
0F2F20

Monochromacy



Original Color
053201

Achromatopsia
1F1F1F

Achromatomaly
162614

CSS Examples

Text

The CSS property to change the color of the text to Hex 053201 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 #053201 looks like.

```
.text, #text, p{  
    color:#053201  
}
```

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 #053201 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #053201
}
```

Border

The CSS property to change the border of an element to Hex 053201 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".

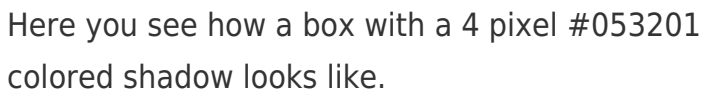
```
.border, #border, table{ border:4px solid
#053201 }
```

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

```
.border{ border-color:#053201 }
```

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

Here you see how a box with a 4 pixel #053201 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #053201; -webkit-box-shadow:4px 4px  
4px 4px #053201; box-shadow:4px 4px 4px  
4px #053201 }
```

Background

The CSS property to change the background color of an element to Hex 053201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#053201 }
```

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

```
.background{ background-color:#053201 }
```

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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