

Converting Colors

Hex(053005)

Have a look what the booklet for
Hex(053005) contains.

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Color

Hex(053005)

Conversions

Conversions Part 1

Format	Color
Hex	053005
RGB	5, 48, 5
RGB Percent	2%, 19%, 2%
CMY	0.9804, 0.8118, 0.9804
CMYK	0.90, 0.00, 0.90, 0.81
HSL	120°, 81%, 10%
HSV	120°, 90%, 19%
XYZ	1.1469, 2.1571, 0.4995
YIQ	30.2410, -11.8250, -22.4890

Conversions

Conversions Part 2

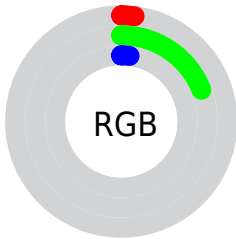
Format	Color
RYB	5, 48, 48
Decimal	339973
CIELab	16.29, -24.50, 20.94
CIELCh	16, 32.233, 139.477
Yxy	2.1571, 0.3015, 0.5671
Android (android.graphics.Color)	4278530053 (0xFF053005)
YUV	30.2410, -12.4438, -22.1364
Hunter-Lab	14.6872, -11.7633, 8.2646

Details

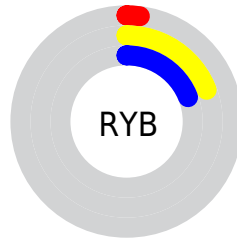
The Hex color **053005** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **300530**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **365F32**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003000**, and if you desaturate by 10%, it is **0A300A**.

Distribution



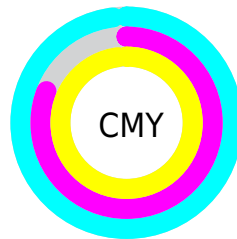
- Red (2%)
- Green (19%)
- Blue (2%)



- Red (2%)
- Yellow (19%)
- Blue (19%)



- Cyan (90%)
- Magenta (0%)
- Yellow (90%)
- Black (81%)



- Cyan (98%)
- Magenta (81%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 053005 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 053005 by changing the saturation by 10% instead.

 053005

 053005

 EFFFFE7

 001D00

 365F32

 000000

 4E7849

 679262

 81AC7B

 9BC895

 B6E4AF

 D2FFCB

 053005

 053005

■ 003000

■ 0A300A

■ 0F300F

■ 133013

■ 183018

■ 1D301D

■ 223022

■ 273027

■ 2B302B

■ 303030

Harmonies

Analogous

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



262C00



053005



00321F

Triad

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



053005



002E56



50101B

Complementary

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



053005



300530

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.



4D1031



053005



132654

Square

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



053005



00314B



3B1B47



491A00

Rectangle

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



053005



00332F



3B1B47



510E22

Sweetspot

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



053005



2D3D2D



303005



151F15



9E9E9E



1F1F1F

Same Dimension

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



053005



003D00



05301A



151715



005700



00D600

Inverse Universe

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



300530



3D003D



30051A



171517



570057



D600D6

Previews

White Background



This preview shows how the Hex color 053005 looks on a white background.

Color Contrast Check

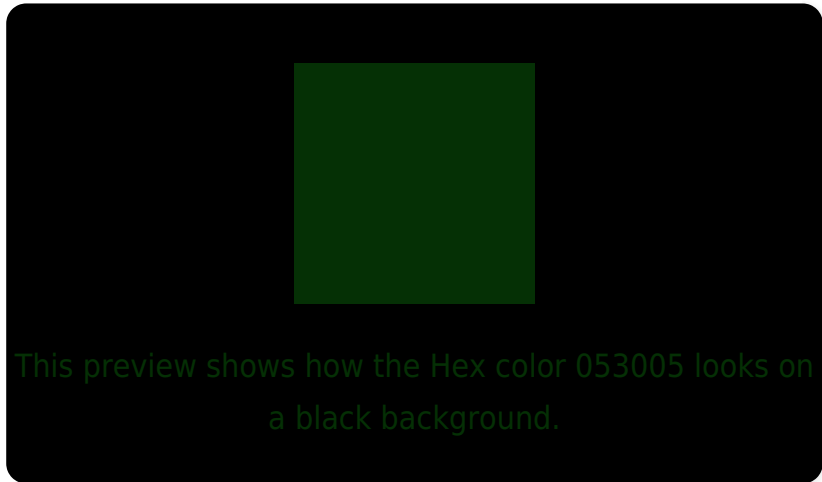
Large Text (above 18pt) WCAG AA ✓ Pass

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

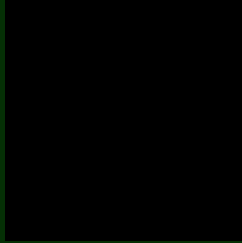
Any Text WCAG AA × Fail

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 053005 Background



This preview shows how black text looks on a background with the Hex color 053005.



This preview shows how white text looks on a background with the Hex color 053005.

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
053005

Protanopia
2E2901

Deuteranopia
34270B



Tritanopia
152D30

Trichromacy



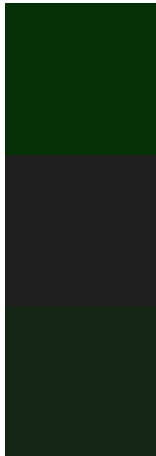
Original Color
053005

Protanomaly
1F2C02

Deuteranomaly
232A09

Tritanomaly
0F2E20

Monochromacy



Original Color
053005

Achromatopsia
1E1E1E

Achromatomaly
152515

CSS Examples

Text

The CSS property to change the color of the text to Hex 053005 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 #053005 looks like.

```
.text, #text, p{  
    color:#053005  
}
```

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 #053005 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #053005
}
```

Border

The CSS property to change the border of an element to Hex 053005 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
#053005 }
```

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

```
.border{ border-color:#053005 }
```

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

Here you see how a box with a 4 pixel #053005 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #053005; -webkit-box-shadow:4px 4px  
4px 4px #053005; box-shadow:4px 4px 4px  
4px #053005 }
```

Background

The CSS property to change the background color of an element to Hex 053005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#053005 }
```

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

```
.background{ background-color:#053005 }
```

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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