

Converting Colors

Hex(053105)

Have a look what the booklet for
Hex(053105) contains.

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Color

Hex(053105)

Conversions

Conversions Part 1

Format	Color
Hex	053105
RGB	5, 49, 5
RGB Percent	2%, 19%, 2%
CMY	0.9804, 0.8078, 0.9804
CMYK	0.90, 0.00, 0.90, 0.81
HSL	120°, 81%, 11%
HSV	120°, 90%, 19%
XYZ	1.1883, 2.2398, 0.5133
YIQ	30.8280, -12.1000, -23.0120

Conversions

Conversions Part 2

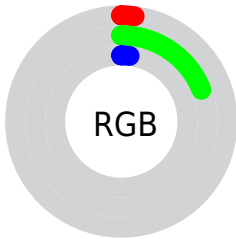
Format	Color
RYB	5, 49, 49
Decimal	340229
CIELab	16.70, -24.90, 21.45
CIELCh	17, 32.862, 139.254
Yxy	2.2398, 0.3015, 0.5683
Android (android.graphics.Color)	4278530309 (0xFF053105)
YUV	30.8280, -12.7332, -22.6512
Hunter-Lab	14.9661, -12.0180, 8.4428

Details

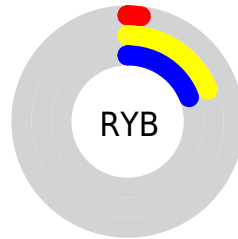
The Hex color **053105** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **310531**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **366032**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003100**, and if you desaturate by 10%, it is **0A310A**.

Distribution



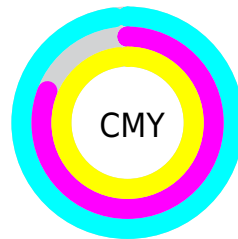
- Red (2%)
- Green (19%)
- Blue (2%)



- 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 053105 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 053105 by changing the saturation by 10% instead.

 053105

 053105

 F0FFE7

 001E00

 366032

 000000

 4E794A

 679362

 81AE7B

 9CC995

 B7E5B0

 D3FFCB

 053105

 053105

■ 003100

■ 0A310A

■ 0F310F

■ 143114

■ 193119

■ 1E311E

■ 223122

■ 273127

■ 2C312C

■ 313131

Harmonies

Analogous

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



272D00



053105



003320

Triad

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



053105



002F58



52101B

Complementary

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



053105



310531

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.



4E1033



053105



132756

Square

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



053105



00324D



3D1B48



4B1A00

Rectangle

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



053105



003430



3D1B48



520E23

Sweetspot

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



053105



2F402F



313105



172117



A1A1A1



212121

Same Dimension

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



053105



004000



05311B



171A17



005900



00D900

Inverse Universe

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



310531



400040



31051B



1A171A



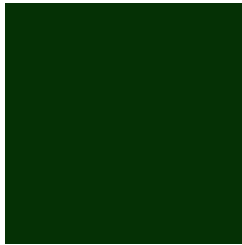
590059



D900D9

Previews

White Background



This preview shows how the Hex color 053105 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

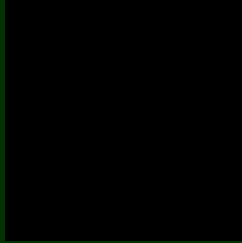
Any Text WCAG AA × Fail

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 053105 Background



This preview shows how black text looks on a background with the Hex color 053105.



This preview shows how white text looks on a background with the Hex color 053105.

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
053105

Protanopia
2F2A01

Deuteranopia
35280C



Tritanopia
152E31

Trichromacy



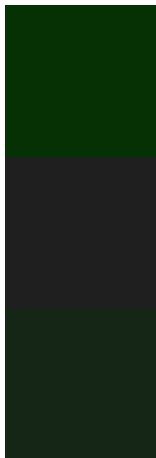
Original Color
053105

Protanomaly
202D02

Deuteranomaly
242B09

Tritanomaly
0F2F21

Monochromacy



Original Color
053105

Achromatopsia
1F1F1F

Achromatomaly
162616

CSS Examples

Text

The CSS property to change the color of the text to Hex 053105 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 #053105 looks like.

```
.text, #text, p{  
    color:#053105  
}
```

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 #053105 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #053105
}
```

Border

The CSS property to change the border of an element to Hex 053105 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
#053105 }
```

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

```
.border{ border-color:#053105 }
```

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

Here you see how a box with a 4 pixel #053105 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #053105; -webkit-box-shadow:4px 4px  
4px 4px #053105; box-shadow:4px 4px 4px  
4px #053105 }
```

Background

The CSS property to change the background color of an element to Hex 053105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#053105 }
```

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

```
.background{ background-color:#053105 }
```

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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