

Converting Colors

Hex(05311D)

Have a look what the booklet for
Hex(05311D) contains.

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Color

Hex(05311D)

Conversions

Conversions Part 1

Format	Color
Hex	05311D
RGB	5, 49, 29
RGB Percent	2%, 19%, 11%
CMY	0.9804, 0.8078, 0.8863
CMYK	0.90, 0.00, 0.41, 0.81
HSL	153°, 81%, 11%
HSV	153°, 90%, 19%
XYZ	1.3827, 2.3176, 1.5369
YIQ	33.5640, -19.8040, -15.5480

Conversions

Conversions Part 2

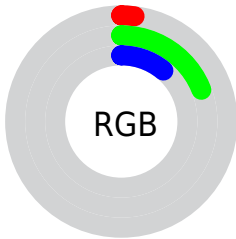
Format	Color
RYB	5, 33, 49
Decimal	340253
CIELab	17.07, -20.50, 8.69
CIELCh	17, 22.263, 157.031
Yxy	2.3176, 0.2640, 0.4425
Android (android.graphics.Color)	4278530333 (0xFF05311D)
YUV	33.5640, -2.2501, -25.0506
Hunter-Lab	15.2237, -10.4294, 4.6711

Details

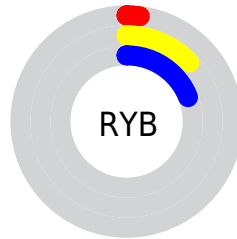
The Hex color **05311D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **310519**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **366049**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00311B**, and if you desaturate by 10%, it is **0A311F**.

Distribution



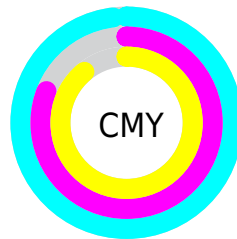
- Red (2%)
- Green (19%)
- Blue (11%)



- Red (2%)
- Yellow (13%)
- Blue (19%)



- Cyan (90%)
- Magenta (0%)
- Yellow (41%)
- Black (81%)



- Cyan (98%)
- Magenta (81%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05311D 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 05311D by changing the saturation by 10% instead.

 05311D

 05311D

 EFFFFFF

 001D04

 366049

 000000

 4E7960

 679379

 81AD93

 9BC9AE

 B6E5C9

 D2FFE5

 05311D

 05311D

■ 00311B

■ 0A311F

■ 0F3121

■ 143124

■ 193126

■ 1E3128

■ 22312A

■ 27312D

■ 2C312F

■ 313131

Harmonies

Analogous

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



1F2F0F



05311D



00322D

Triad

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



05311D



132B4A



451F18

Complementary

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



05311D



310519

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.



471C27



05311D



302444

Square

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



05311D



002F47



401E37



3D250B

Rectangle

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



05311D



003238



401E37



471D1C

Sweetspot

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



05311D



2F4038



1A3105



17211C



A1A1A1



212121

Same Dimension

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



05311D



004023



053031



171A18



005931



00D976

Inverse Universe

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



310519



40001D



310605



1A1718



590029



D90063

Previews

White Background



This preview shows how the Hex color 05311D looks on a white background.

Color Contrast Check

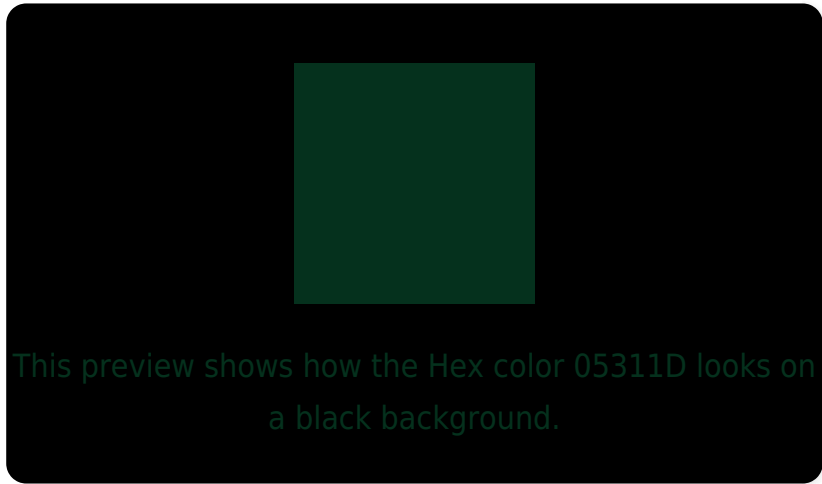
Large Text (above 18pt) WCAG AA ✓ Pass

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

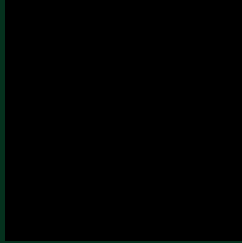
Any Text WCAG AA × Fail

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 05311D Background



This preview shows how black text looks on a background with the Hex color 05311D.



This preview shows how white text looks on a background with the Hex color 05311D.

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
05311D

Protanopia
2E2A1A

Deuteranopia
32291F



Tritanopia
122E32

Trichromacy



Original Color
05311D

Protanomaly
1F2D1B

Deuteranomaly
222C1E

Tritanomaly
0D2F2A

Monochromacy



Original Color
05311D

Achromatopsia
222222

Achromatomaly
172720

CSS Examples

Text

The CSS property to change the color of the text to Hex 05311D 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 #05311D looks like.

```
.text, #text, p{  
    color:#05311D  
}
```

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 #05311D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05311D
}
```

Border

The CSS property to change the border of an element to Hex 05311D 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
#05311D }
```

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

```
.border{ border-color:#05311D }
```

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

Here you see how a box with a 4 pixel #05311D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05311D; -webkit-box-shadow:4px 4px  
4px 4px #05311D; box-shadow:4px 4px 4px  
4px #05311D }
```

Background

The CSS property to change the background color of an element to Hex 05311D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05311D }
```

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

```
.background{ background-color:#05311D }
```

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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