

Converting Colors

Hex(04010A)

Have a look what the booklet for
Hex(04010A) contains.

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Color

Hex(04010A)

Conversions

Conversions Part 1

Format	Color
Hex	04010A
RGB	4, 1, 10
RGB Percent	2%, 0%, 4%
CMY	0.9843, 0.9961, 0.9608
CMYK	0.60, 0.90, 0.00, 0.96
HSL	260°, 82%, 2%
HSV	260°, 90%, 4%
XYZ	0.1157, 0.0694, 0.2945
YIQ	2.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

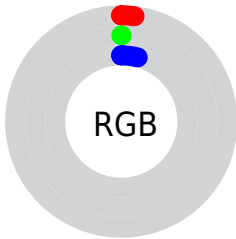
Format	Color
RYB	4, 1, 10
Decimal	262410
CIELab	0.63, 2.04, -3.13
CIElCh	1, 3.735, 303.046
Yxy	0.0694, 0.2413, 0.1448
Android (android.graphics.Color)	4278452490 (0xFF04010A)
YUV	2.9230, 3.4890, 0.9445
Hunter-Lab	2.6350, 3.2270, -4.7811

Details

The Hex color **04010A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **070A01**, and the grayscale version is **030303**.

A 20% lighter version of the original color is **333136**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **03000A**, and if you desaturate by 10%, it is **05020A**.

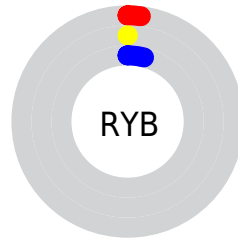
Distribution



Red (2%)

Green (0%)

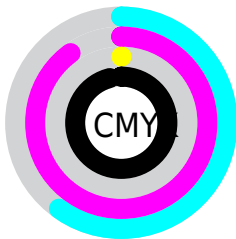
Blue (4%)



Red (2%)

Yellow (0%)

Blue (4%)

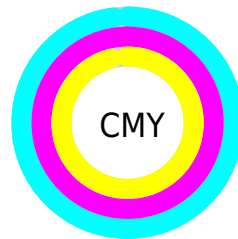


Cyan (60%)

Magenta (90%)

Yellow (0%)

Black (96%)



Cyan (98%)

Magenta (100%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04010A 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 04010A by changing the saturation by 10% instead.

■ 04010A

■ 04010A

■ E5E3EA

■ 000000

■ 333136

■ 49474D

■ 615F65

■ 7A787E

■ 939198

■ AEACB2

■ C9C7CE

■ 04010A

■ 04010A

■ 03000A

■ 05020A

■ 05030A

■ 06040A

■ 07050A

■ 07060A

■ 08070A

■ 09080A

■ 09090A

■ 0A0A0A

Harmonies

Analogous

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



00020B



04010A



090007

Triad

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



04010A



080100



000403

Complementary

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



04010A



070A01

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.



000400



04010A



030200

Square

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



04010A



0C0000



000400



000507

Rectangle

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



04010A



0B0004



000400



000401

Sweetspot

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



04010A



0A090D



01070A



060508



878787



080808

Same Dimension

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



04010A



04000D



09010A



050505



170045



4100C4

Inverse Universe

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



0A0107



0D0008



020A01



050505



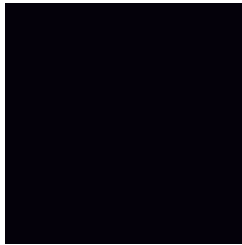
45002E



C40083

Previews

White Background



This preview shows how the Hex color 04010A 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

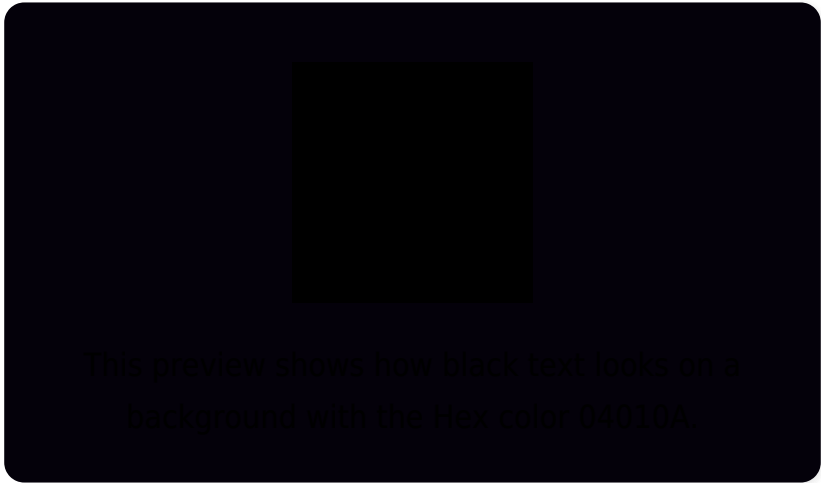
Any Text WCAG AA × Fail

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 04010A Background



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
04010A

Protanopia
000307

Deuteranopia
000406



Tritanopia
010404

Trichromacy



Original Color
04010A

Protanomaly
010208

Deuteranomaly
010307

Tritanomaly
020306

Monochromacy



Original Color
04010A

Achromatopsia
030303

Achromatomaly
030206

CSS Examples

Text

The CSS property to change the color of the text to Hex 04010A 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 #04010A looks like.

```
.text, #text, p{  
    color:#04010A  
}
```

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 #04010A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04010A
}
```

Border

The CSS property to change the border of an element to Hex 04010A is called "border". The border property can be set on classes, ids or directly on the HTML element.

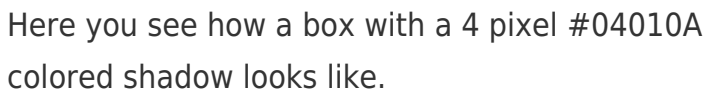
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#04010A }
```

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

```
.border{ border-color:#04010A }
```

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



Here you see how a box with a 4 pixel #04010A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04010A; -webkit-box-shadow:4px 4px  
4px 4px #04010A; box-shadow:4px 4px 4px  
4px #04010A }
```

Background

The CSS property to change the background color of an element to Hex 04010A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04010A }
```

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

```
.background{ background-color:#04010A }
```

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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