

Converting Colors

Hex(04040A)

Have a look what the booklet for
Hex(04040A) contains.

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Color

Hex(04040A)

Conversions

Conversions Part 1

Format	Color
Hex	04040A
RGB	4, 4, 10
RGB Percent	2%, 2%, 4%
CMY	0.9843, 0.9843, 0.9608
CMYK	0.60, 0.60, 0.00, 0.96
HSL	240°, 43%, 3%
HSV	240°, 60%, 4%
XYZ	0.1483, 0.1346, 0.3053
YIQ	4.6840, -1.9260, 1.8660

Conversions

Conversions Part 2

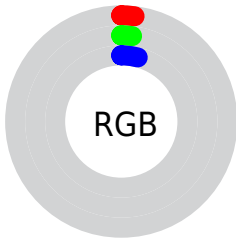
Format	Color
RYB	4, 4, 10
Decimal	263178
CIELab	1.22, 0.83, -2.27
CIElCh	1, 2.420, 290.178
Yxy	0.1346, 0.2521, 0.2288
Android (android.graphics.Color)	4278453258 (0xFF04040A)
YUV	4.6840, 2.6208, -0.5999
Hunter-Lab	3.6682, 0.7957, -2.3671

Details

The Hex color **04040A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0A0A04**, and the grayscale version is **050505**.

A 20% lighter version of the original color is **333336**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **03030A**, and if you desaturate by 10%, it is **05050A**.

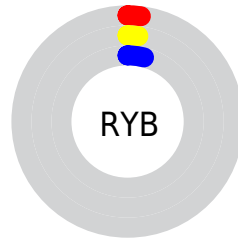
Distribution



Red (2%)

Green (2%)

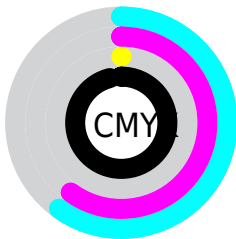
Blue (4%)



Red (2%)

Yellow (2%)

Blue (4%)

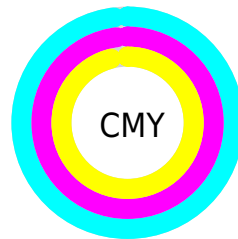


Cyan (60%)

Magenta (60%)

Yellow (0%)

Black (96%)



Cyan (98%)

Magenta (98%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04040A 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 04040A by changing the saturation by 10% instead.

■ 04040A

■ 04040A

■ E5E5EA

■ 000000

■ 333336

■ 49494D

■ 616165

■ 7A7A7E

■ 939398

■ AEAEB2

■ C9C9CE

■ 04040A

■ 04040A

■ 03030A

■ 05050A

■ 02020A

■ 06060A

■ 01010A

■ 07070A

■ 00000A

■ 08080A

■ 09090A

■ 0A0A0A

■ 0B0B0A

■ 0C0C0A

■ 0D0D0A

Harmonies

Analogous

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



01050A



04040A



070308

Triad

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



04040A



0B0300



000603

Complementary

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



04040A



0A0A04

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.



010601



04040A



080400

Square

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



04040A



0B0303



050500



000606

Rectangle

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



04040A



090307



050500



000602

Sweetspot

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



04040A



0A0A0D



040A0A



060608



878787



080808

Same Dimension

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



04040A



04040D



07040A



050505



000045



0000C4

Inverse Universe

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



0A040A



0D040D



070A04



050505



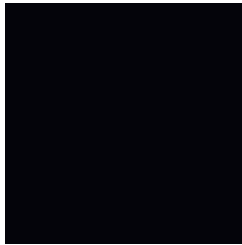
450045



C400C4

Previews

White Background



This preview shows how the Hex color 04040A looks on a white background.

Color Contrast Check

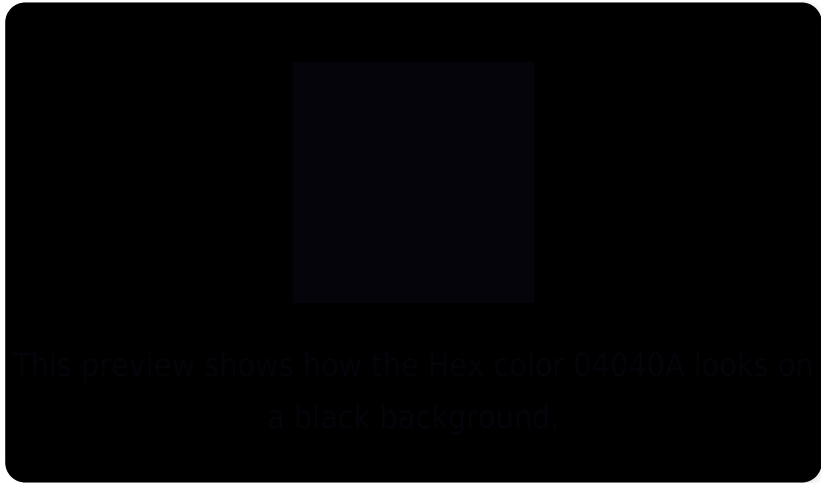
Large Text (above 18pt) WCAG AA ✓ Pass

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 04040A Background



This preview shows how black text looks on a background with the Hex color 04040A.



This preview shows how white text looks on a background with the Hex color 04040A.

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
04040A

Protanopia
00050A

Deuteranopia
000508

Trichromacy



Original Color

04040A

Protanomaly

01050A

Deuteranomaly

010509

Tritanomaly

030507

Monochromacy



Original Color

04040A

Achromatopsia

050505

Achromatomaly

050507

CSS Examples

Text

The CSS property to change the color of the text to Hex 04040A 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 #04040A looks like.

```
.text, #text, p{  
    color:#04040A  
}
```

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 #04040A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04040A
}
```

Border

The CSS property to change the border of an element to Hex 04040A 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".

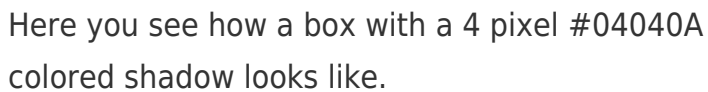
```
.border, #border, table{ border:4px solid
#04040A }
```

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

```
.border{ border-color:#04040A }
```

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

Here you see how a box with a 4 pixel #04040A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04040A; -webkit-box-shadow:4px 4px  
4px 4px #04040A; box-shadow:4px 4px 4px  
4px #04040A }
```

Background

The CSS property to change the background color of an element to Hex 04040A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04040A }
```

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

```
.background{ background-color:#04040A }
```

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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