

Converting Colors

Hex(040405)

Have a look what the booklet for
Hex(040405) contains.

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Color

Hex(040405)

Conversions

Conversions Part 1

Format	Color
Hex	040405
RGB	4, 4, 5
RGB Percent	2%, 2%, 2%
CMY	0.9843, 0.9843, 0.9804
CMYK	0.20, 0.20, 0.00, 0.98
HSL	240°, 11%, 2%
HSV	240°, 20%, 2%
XYZ	0.1209, 0.1236, 0.1611
YIQ	4.1140, -0.3210, 0.3110

Conversions

Conversions Part 2

Format	Color
R_{YB}	4, 4, 5
Decimal	263173
CIE _{Lab}	1.12, 0.14, -0.38
CIE _{LCh}	1, 0.404, 290.183
Yxy	0.1236, 0.2981, 0.3048
Android (android.graphics.Color)	4278453253 (0xFF040405)
YUV	4.1140, 0.4368, -0.1000
Hunter-Lab	3.5157, -0.0152, -0.2553

Details

The Hex color **040405** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **050504**, and the grayscale version is **040404**.

A 20% lighter version of the original color is **333333**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **030305**, and if you desaturate by 10%, it is **050505**.

Distribution



Red (2%)

Green (2%)

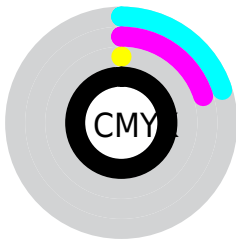
Blue (2%)



Red (2%)

Yellow (2%)

Blue (2%)



Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (98%)



Cyan (98%)

Magenta (98%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 040405 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 040405 by changing the saturation by 10% instead.

■ 040405

■ 040405

■ E5E5E6

■ 000000

■ 333333

■ 49494A

■ 616162

■ 7A7A7A

■ 939394

■ AEAEAF

■ C9C9CA

■ 040405

■ 040405

■ 030305

■ 050505

■ 020205

■ 060605

■ 010105

■ 070705

■ 000005

■ 080805

■ 090905

Harmonies

Analogous

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



030405



040405



050405

Triad

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



040405



050403



030404

Complementary

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



040405



050504

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.



040403



040405



050403

Square

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



040405



050404



040403



030404

Rectangle

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



040405



050404



040403



030404

Sweetspot

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



040405



070708



040505



050505



858585

Same Dimension

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



040405



060608



050405



020203



000042



0000C2

Inverse Universe

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



050405



080608



050504



030203



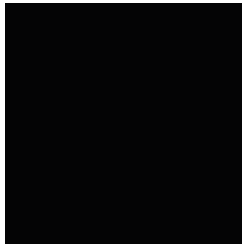
420042



C200C2

Previews

White Background



This preview shows how the Hex color 040405 looks on a white background.

Color Contrast Check

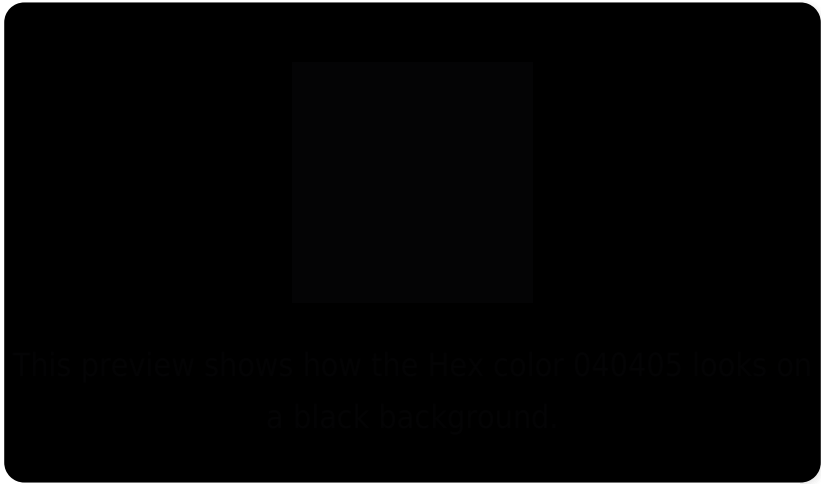
Large Text (above 18pt) WCAG AA ✓ Pass

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

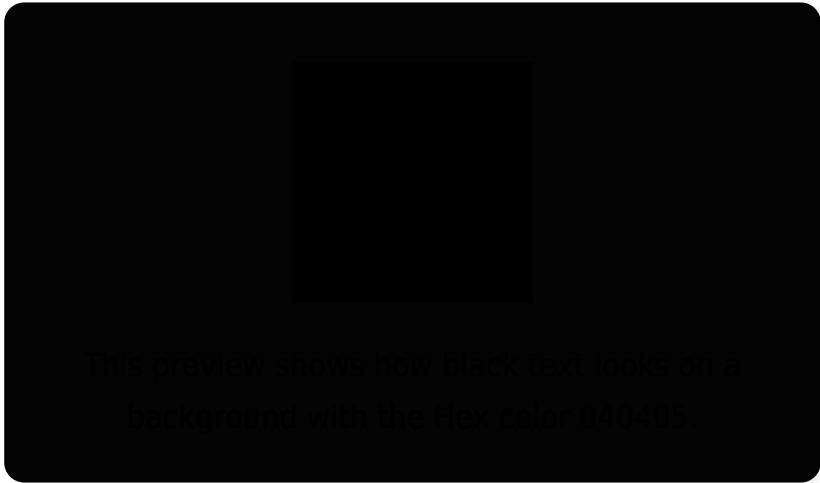
Any Text WCAG AA × Fail

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 040405 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
040405

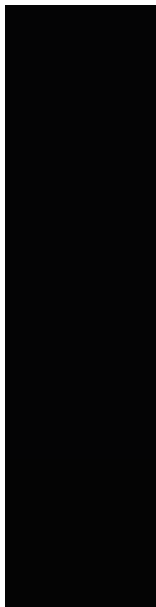
Protanopia
040405

Deuteranopia
040405



Tritanopia
040404

Trichromacy



Original Color

040405

Protanomaly

040405

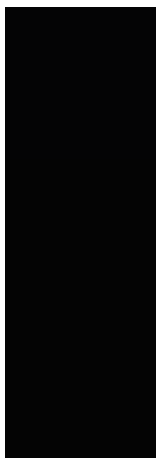
Deuteranomaly

040405

Tritanomaly

040404

Monochromacy



Original Color

040405

Achromatopsia

040404

Achromatomaly

040404

CSS Examples

Text

The CSS property to change the color of the text to Hex 040405 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 #040405 looks like.

```
.text, #text, p{  
    color:#040405  
}
```

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 #040405 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #040405
}
```

Border

The CSS property to change the border of an element to Hex 040405 is called "border". The border property can be set on classes, ids or directly on the HTML element.

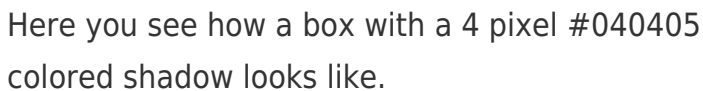
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#040405 }
```

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

```
.border{ border-color:#040405 }
```

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



Here you see how a box with a 4 pixel #040405 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #040405; -webkit-box-shadow:4px 4px  
4px 4px #040405; box-shadow:4px 4px 4px  
4px #040405 }
```

Background

The CSS property to change the background color of an element to Hex 040405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#040405 }
```

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

```
.background{ background-color:#040405 }
```

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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