

Converting Colors

Hex(10010D)

Have a look what the booklet for
Hex(10010D) contains.

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Color

Hex(10010D)

Conversions

Conversions Part 1

Format	Color
Hex	10010D
RGB	16, 1, 13
RGB Percent	6%, 0%, 5%
CMY	0.9373, 0.9961, 0.9490
CMYK	0.00, 0.94, 0.19, 0.94
HSL	312°, 88%, 3%
HSV	312°, 94%, 6%
XYZ	0.2972, 0.1609, 0.3962
YIQ	6.8530, 5.0880, 6.9120

Conversions

Conversions Part 2

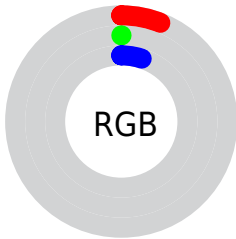
Format	Color
RYB	16, 1, 13
Decimal	1048845
CIELab	1.45, 5.91, -3.16
CIELCh	1, 6.700, 331.858
Yxy	0.1609, 0.3479, 0.1884
Android (android.graphics.Color)	4279238925 (0xFF10010D)
YUV	6.8530, 3.0305, 8.0219
Hunter-Lab	4.0116, 6.2035, -3.0472

Details

The Hex color **10010D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **011004**, and the grayscale version is **070707**.

A 20% lighter version of the original color is **3A3138**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **10000D**, and if you desaturate by 10%, it is **10030D**.

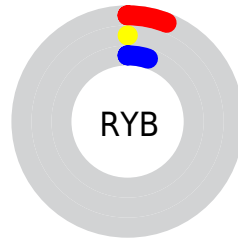
Distribution



Red (6%)

Green (0%)

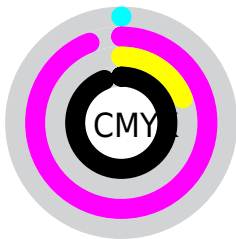
Blue (5%)



Red (6%)

Yellow (0%)

Blue (5%)

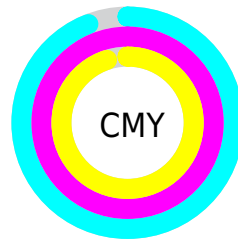


Cyan (0%)

Magenta (94%)

Yellow (19%)

Black (94%)



Cyan (94%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10010D 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 10010D by changing the saturation by 10% instead.

 10010D

 10010D

 F0E3ED

 000000

 3A3138

 51474F

 695F67

 837780

 9D919A

 B8ACB5

 D3C7D0

 10010D

 10010D

■ 1000D

■ 10030D

■ 10040E

■ 10060E

■ 10070E

■ 10090F

■ 100B0F

■ 100C0F

■ 100E10

■ 100F10

Harmonies

Analogous

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



080312



10010D



140005

Triad

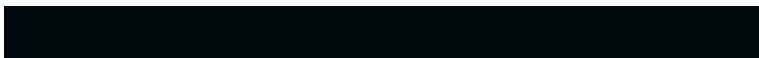
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



10010D



080500



000A0D

Complementary

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



10010D



011004

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.



000A06



10010D



000800

Square

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



10010D



100300



000A00



000812

Rectangle

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



10010D



150000



000A00



000A0B

Sweetspot

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



10010D



140F13



040110



0A070A



8A8A8A



0A0A0A

Same Dimension

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



10010D



140010



100106



080707



470039



C7009F

Inverse Universe

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



10010D



140010



01100C



080707



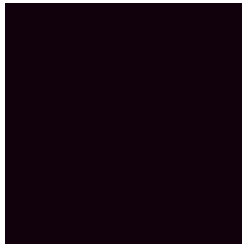
470039



C7009F

Previews

White Background



This preview shows how the Hex color 10010D looks on a white background.

Color Contrast Check

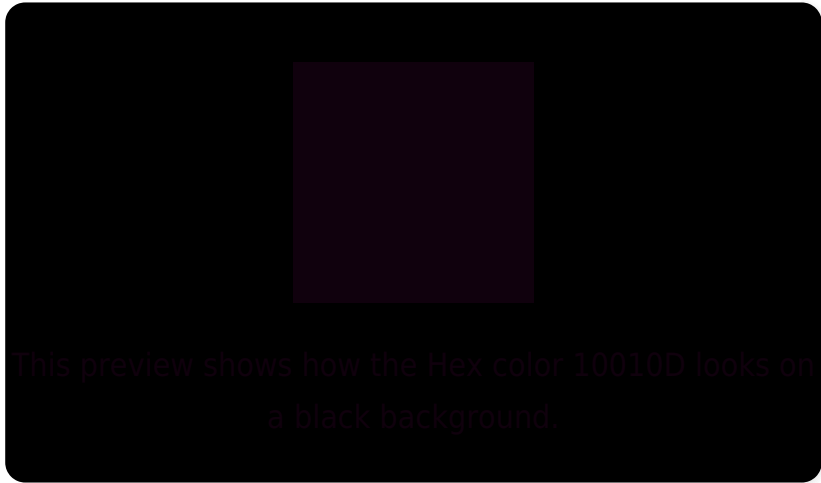
Large Text (above 18pt) WCAG AA ✓ Pass

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

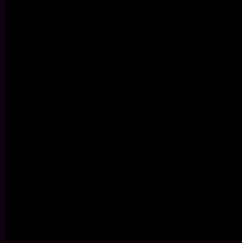
Any Text WCAG AA × Fail

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 10010D Background



This preview shows how black text looks on a background with the Hex color 10010D.



This preview shows how white text looks on a background with the Hex color 10010D.

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
10010D

Deuteranopia
08090C

Tritanopia
0F0505

Trichromacy



Original Color
10010D

Deuteranomaly
0B060C

Tritanomaly
0F0408

Monochromacy



Original Color
10010D

Achromatopsia
070707

Achromatomaly
0A0509

CSS Examples

Text

The CSS property to change the color of the text to Hex 10010D 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 #10010D looks like.

```
.text, #text, p{  
    color:#10010D  
}
```

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 #10010D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10010D
}
```

Border

The CSS property to change the border of an element to Hex 10010D is called "border". The border property can be set on classes, ids or directly on the HTML element.

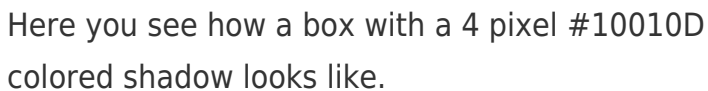
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#10010D }
```

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

```
.border{ border-color:#10010D }
```

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



Here you see how a box with a 4 pixel #10010D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10010D; -webkit-box-shadow:4px 4px  
4px 4px #10010D; box-shadow:4px 4px 4px  
4px #10010D }
```

Background

The CSS property to change the background color of an element to Hex 10010D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10010D }
```

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

```
.background{ background-color:#10010D }
```

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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