

Converting Colors

Hex(10020D)

Have a look what the booklet for
Hex(10020D) contains.

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Color

Hex(10020D)

Conversions

Conversions Part 1

Format	Color
Hex	10020D
RGB	16, 2, 13
RGB Percent	6%, 1%, 5%
CMY	0.9373, 0.9922, 0.9490
CMYK	0.00, 0.88, 0.19, 0.94
HSL	313°, 78%, 4%
HSV	313°, 88%, 6%
XYZ	0.3080, 0.1826, 0.3998
YIQ	7.4400, 4.8130, 6.3890

Conversions

Conversions Part 2

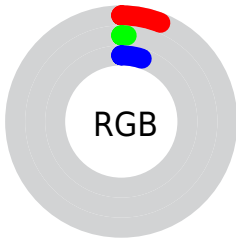
Format	Color
R_{YB}	16, 2, 13
Decimal	1049101
CIE Lab	1.65, 5.51, -2.87
CIE LCh	2, 6.212, 332.444
Yxy	0.1826, 0.3459, 0.2051
Android (android.graphics.Color)	4279239181 (0xFF10020D)
YUV	7.4400, 2.7411, 7.5071
Hunter-Lab	4.2736, 5.3876, -2.5550

Details

The Hex color **10020D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **021005**, 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 **10040D**.

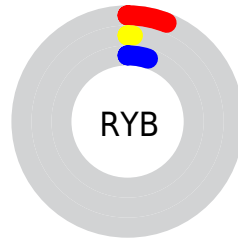
Distribution



Red (6%)

Green (1%)

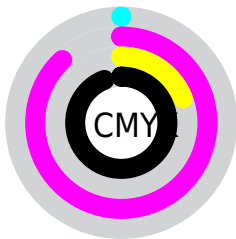
Blue (5%)



Red (6%)

Yellow (1%)

Blue (5%)

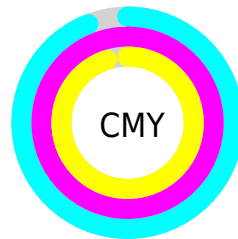


Cyan (0%)

Magenta (88%)

Yellow (19%)

Black (94%)



Cyan (94%)

Magenta (99%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10020D 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 10020D by changing the saturation by 10% instead.

■ 10020D

■ 10020D

■ F0E4ED

■ 000000

■ 3A3138

■ 51484F

■ 695F67

■ 837880

■ 9D929A

■ B8ACB5

■ D3C8D0

■ 10020D

■ 10020D

■ 1000D

■ 10040D

■ 10050E

■ 10070E

■ 10080E

■ 100A0F

■ 100C0F

■ 100D0F

■ 100F10

■ 101010

Harmonies

Analogous

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



090411



10020D



140106

Triad

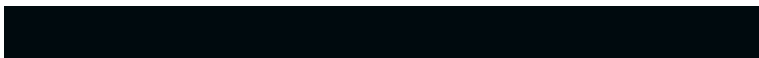
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



10020D



090600



000A0E

Complementary

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



10020D



021005

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.



000B06



10020D



010800

Square

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



10020D



100400



000A00



000912

Rectangle

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



10020D



140100



000A00



000B0B

Sweetspot

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



10020D



140F13



050210



0A070A



8A8A8A



0A0A0A

Same Dimension

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



10020D



140010



100206



080707



470038



C7009C

Inverse Universe

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



10020D



140010



02100C



080707



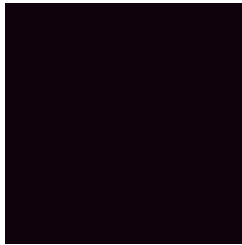
470038



C7009C

Previews

White Background



This preview shows how the Hex color 10020D looks on a white background.

Color Contrast Check

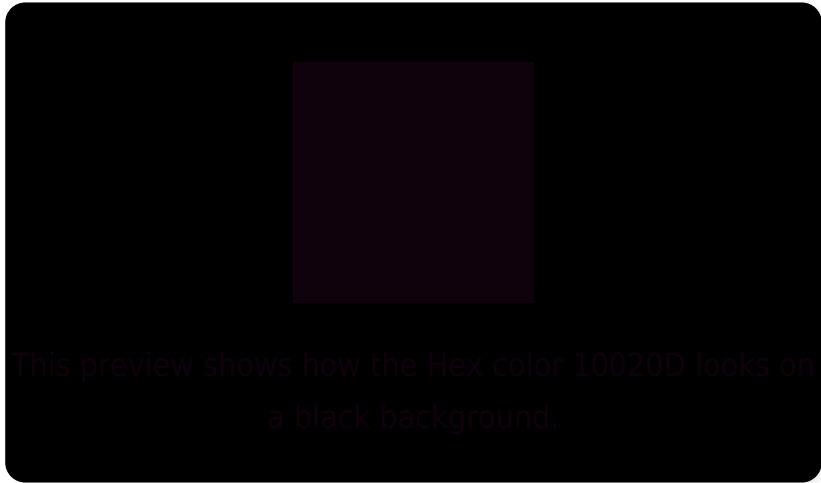
Large Text (above 18pt) WCAG AA ✓ Pass

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

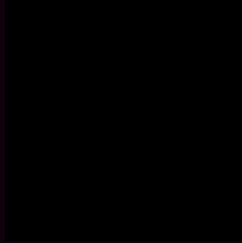
Any Text WCAG AA × Fail

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 10020D Background



This preview shows how black text looks on a background with the Hex color 10020D.



This preview shows how white text looks on a background with the Hex color 10020D.

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](#).

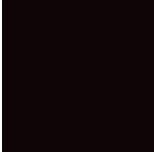
Dichromacy



Original Color
10020D

Protanopia
020912

Deuteranopia
08090C



Tritanopia
0F0506

Trichromacy



Original Color
10020D

Protanomaly
070610

Deuteranomaly
0B060C

Tritanomaly
0F0409

Monochromacy



Original Color
10020D

Achromatopsia
070707

Achromatomaly
0A0509

CSS Examples

Text

The CSS property to change the color of the text to Hex 10020D 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 #10020D looks like.

```
.text, #text, p{  
    color:#10020D  
}
```

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 #10020D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10020D
}
```

Border

The CSS property to change the border of an element to Hex 10020D is called "border". The border property can be set on classes, ids or directly on the HTML element.

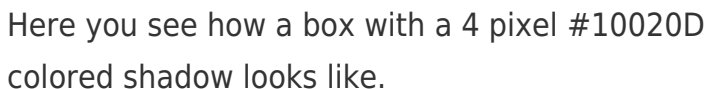
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#10020D }
```

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

```
.border{ border-color:#10020D }
```

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



Here you see how a box with a 4 pixel #10020D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10020D; -webkit-box-shadow:4px 4px  
4px 4px #10020D; box-shadow:4px 4px 4px  
4px #10020D }
```

Background

The CSS property to change the background color of an element to Hex 10020D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10020D }
```

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

```
.background{ background-color:#10020D }
```

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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