

Converting Colors

Hex(020D08)

Have a look what the booklet for
Hex(020D08) contains.

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Color

Hex(020D08)

Conversions

Conversions Part 1

Format	Color
Hex	020D08
RGB	2, 13, 8
RGB Percent	1%, 5%, 3%
CMY	0.9922, 0.9490, 0.9686
CMYK	0.85, 0.00, 0.38, 0.95
HSL	153°, 73%, 3%
HSV	153°, 85%, 5%
XYZ	0.2128, 0.3183, 0.2799
YIQ	9.1410, -4.9510, -3.8870

Conversions

Conversions Part 2

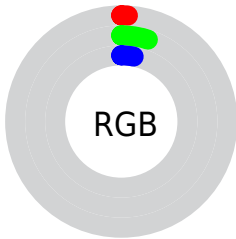
Format	Color
RYB	2, 9, 13
Decimal	134408
CIELab	2.88, -3.68, 0.95
CIElCh	3, 3.797, 165.469
Yxy	0.3183, 0.2624, 0.3924
Android (android.graphics.Color)	4278324488 (0xFF020D08)
YUV	9.1410, -0.5625, -6.2627
Hunter-Lab	5.6417, -3.1404, 1.0071

Details

The Hex color **020D08** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0D0207**, and the grayscale version is **090909**.

A 20% lighter version of the original color is **313835**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **010D07**, and if you desaturate by 10%, it is **030D09**.

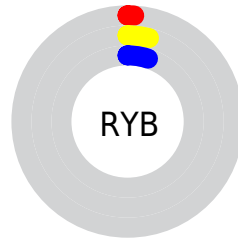
Distribution



Red (1%)

Green (5%)

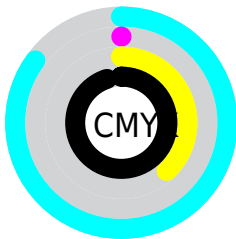
Blue (3%)



Red (1%)

Yellow (4%)

Blue (5%)

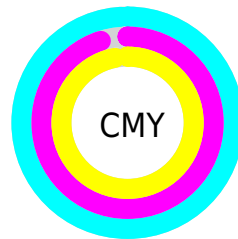


Cyan (85%)

Magenta (0%)

Yellow (38%)

Black (95%)



Cyan (99%)

Magenta (95%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 020D08 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 020D08 by changing the saturation by 10% instead.

■ 020D08

■ 020D08

■ E4EDE9

■ 000000

■ 313835

■ 484F4C

■ 5F6764

■ 78807C

■ 929A96

■ ACB5B1

■ C8D0CC

■ 020D08

■ 020D08

■ 010D07

■ 030D09

■ 000D07

■ 050D09

■ 060D0A

■ 070D0A

■ 090D0B

■ 0A0D0C

■ 0B0D0C

■ 0C0D0D

■ 0E0D0D

Harmonies

Analogous

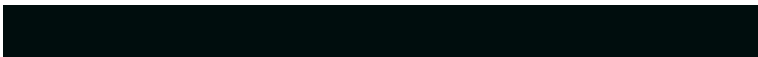
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



060C04



020D08



000D0D

Triad

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



020D08



090A12



120804

Complementary

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



020D08



0D0207

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.



130808



020D08



0E0910

Square

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



020D08



040C12



11080D



100902

Rectangle

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



020D08



000D0F



11080D



130805

Sweetspot

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



020D08



0D1210



070D02



070A09



8A8A8A



0A0A0A

Same Dimension

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



020D08



00120A



020D0D



070807



004727



00C76C

Inverse Universe

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



0D0207



120008



0D0202



080707



470020



C7005A

Previews

White Background



This preview shows how the Hex color 020D08 looks on a white background.

Color Contrast Check

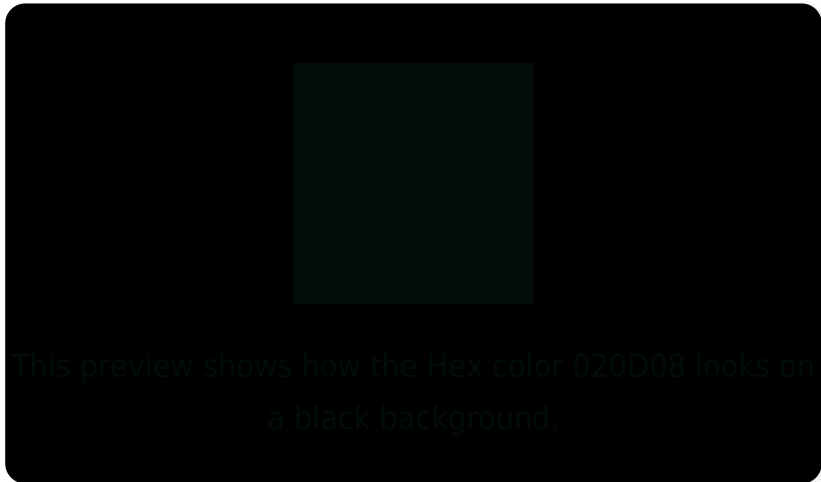
Large Text (above 18pt) WCAG AA ✓ Pass

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

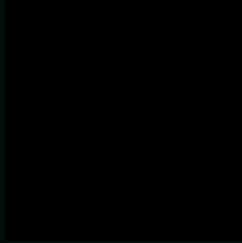
Any Text WCAG AA × Fail

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 020D08 Background



This preview shows how black text looks on a background with the Hex color 020D08.

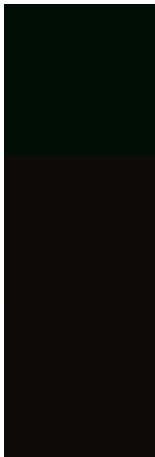


This preview shows how white text looks on a background with the Hex color 020D08.

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](#).

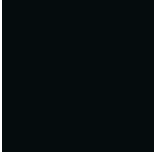
Dichromacy



Original Color
020D08

Protanopia
0C0B07

Deuteranopia
0D0B09



Tritanopia
050C0D

Trichromacy



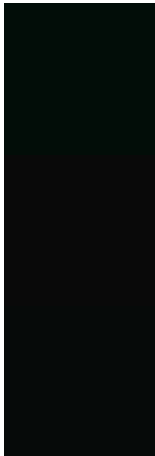
Original Color
020D08

Protanomaly
080C07

Deuteranomaly
090C09

Tritanomaly
040C0B

Monochromacy



Original Color
020D08

Achromatopsia
090909

Achromatomaly
060A09

CSS Examples

Text

The CSS property to change the color of the text to Hex 020D08 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 #020D08 looks like.

```
.text, #text, p{  
    color:#020D08  
}
```

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 #020D08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #020D08
}
```

Border

The CSS property to change the border of an element to Hex 020D08 is called "border". The border property can be set on classes, ids or directly on the HTML element.

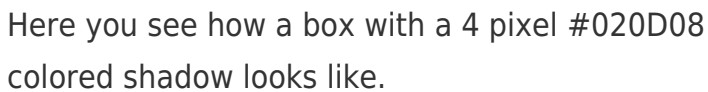
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#020D08 }
```

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

```
.border{ border-color:#020D08 }
```

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



Here you see how a box with a 4 pixel #020D08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #020D08; -webkit-box-shadow:4px 4px  
4px 4px #020D08; box-shadow:4px 4px 4px  
4px #020D08 }
```

Background

The CSS property to change the background color of an element to Hex 020D08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#020D08 }
```

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

```
.background{ background-color:#020D08 }
```

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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