

Converting Colors

Hex(02080B)

Have a look what the booklet for
Hex(02080B) contains.

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Color

Hex(02080B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 02080B |
| RGB | 2, 8, 11 |
| RGB Percent | 1%, 3%, 4% |
| CMY | 0.9922, 0.9686, 0.9569 |
| CMYK | 0.82, 0.27, 0.00, 0.96 |
| HSL | 200°, 69%, 3% |
| HSV | 200°, 82%, 4% |
| XYZ | 0.1723, 0.2107, 0.3482 |
| YIQ | 6.5480, -4.5390, -0.3390 |

Conversions

Conversions Part 2

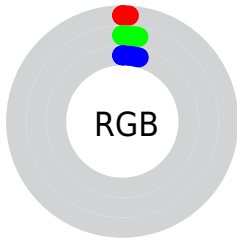
| Format | Color |
|-------------------------------------|--|
| RYB | 2, 6, 11 |
| Decimal | 133131 |
| CIELab | 1.90, -1.15, -1.70 |
| CIELCh | 2, 2.050, 235.947 |
| Yxy | 0.2107, 0.2356, 0.2882 |
| Android (android.graphics.Color) | 4278323211 (0xFF02080B) |
| YUV | 6.5480, 2.1948, -3.9886 |
| Hunter-Lab | 4.5906, -1.3349, -1.2839 |

Details

The Hex color **02080B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0B0502**, and the grayscale version is **070707**.

A 20% lighter version of the original color is **313537**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **01080B**, and if you desaturate by 10%, it is **03080B**.

Distribution



Red (1%)

Green (3%)

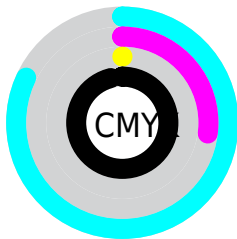
Blue (4%)



Red (1%)

Yellow (2%)

Blue (4%)

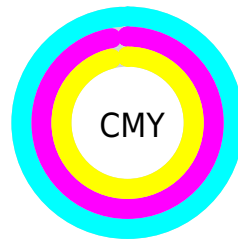


Cyan (82%)

Magenta (27%)

Yellow (0%)

Black (96%)



Cyan (99%)

Magenta (97%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02080B 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 02080B by changing the saturation by 10% instead.

■ 02080B

■ 02080B

■ E4E9EB

■ 000000

■ 313537

■ 484C4E

■ 5F6466

■ 787C7F

■ 929698

■ ACB1B3

■ C8CCCF

■ 02080B

■ 02080B

■ 01080B

■ 03080B

■ 00070B

■ 04090B

■ 05090B

■ 06090B

■ 070A0B

■ 090A0B

■ 0A0B0B

■ 0B0B0B

■ 0C0B0B

Harmonies

Analogous

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



010809



02080B



04070C

Triad

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



02080B



0C0507



070702

Complementary

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



02080B



0B0502

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.



0A0702



02080B



0D0505

Square

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



02080B



0A060A



0C0603



040804

Rectangle

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



02080B



06070C



0C0603



080702

Sweetspot

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



02080B



0B0E0F



020B05



050708



878787



080808

Same Dimension

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



02080B



000A0F



02040B



050505



002E45



0083C4

Inverse Universe

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



0B0208



0F000A



0B0A02



050505



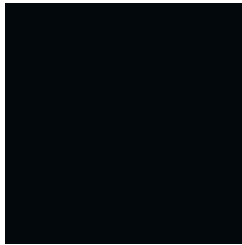
45002E



C40083

Previews

White Background



This preview shows how the Hex color 02080B looks on a white background.

Color Contrast Check

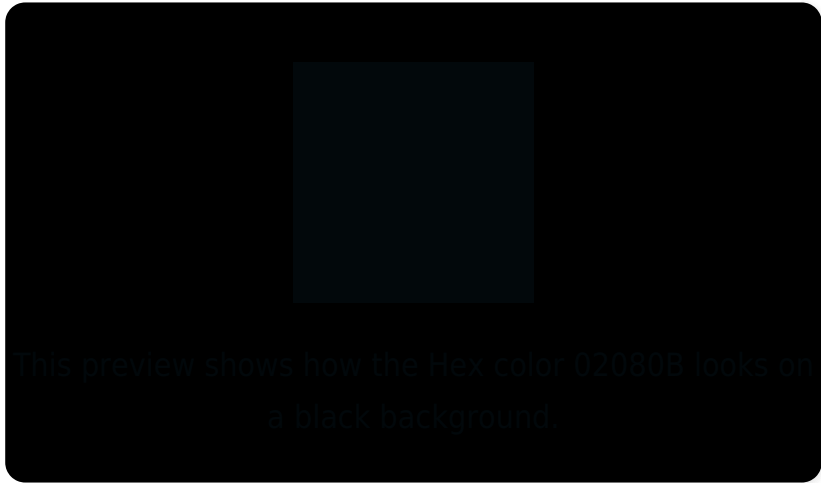
Large Text (above 18pt) WCAG AA ✓ Pass

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

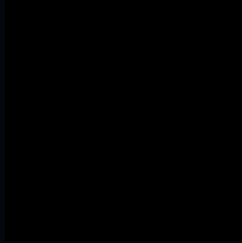
Any Text WCAG AA × Fail

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 02080B Background



This preview shows how black text looks on a background with the Hex color 02080B.

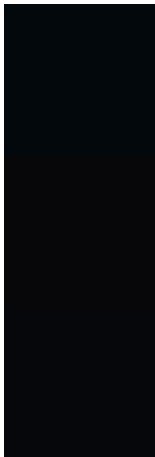


This preview shows how white text looks on a background with the Hex color 02080B.

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](#).

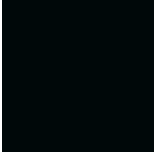
Dichromacy



Original Color
02080B

Protanopia
07070A

Deuteranopia
06070B



Tritanopia
000809

Trichromacy



Original Color

02080B

Protanomaly

05070A

Deuteranomaly

05070B

Tritanomaly

01080A

Monochromacy



Original Color

02080B

Achromatopsia

070707

Achromatomaly

050708

CSS Examples

Text

The CSS property to change the color of the text to Hex 02080B 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 #02080B looks like.

```
.text, #text, p{  
    color:#02080B  
}
```

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 #02080B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02080B
}
```

Border

The CSS property to change the border of an element to Hex 02080B is called "border". The border property can be set on classes, ids or directly on the HTML element.

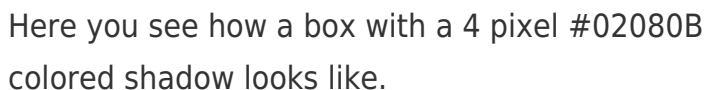
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#02080B }
```

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

```
.border{ border-color:#02080B }
```

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



Here you see how a box with a 4 pixel #02080B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02080B; -webkit-box-shadow:4px 4px  
4px 4px #02080B; box-shadow:4px 4px 4px  
4px #02080B }
```

Background

The CSS property to change the background color of an element to Hex 02080B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02080B }
```

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

```
.background{ background-color:#02080B }
```

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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