

Converting Colors

Hex(02080E)

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

Hex(02080E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(02080E)

Conversions

Conversions Part 1

Format	Color
Hex	02080E
RGB	2, 8, 14
RGB Percent	1%, 3%, 5%
CMY	0.9922, 0.9686, 0.9451
CMYK	0.86, 0.43, 0.00, 0.95
HSL	210°, 75%, 3%
HSV	210°, 86%, 5%
XYZ	0.1911, 0.2183, 0.4475
YIQ	6.8900, -5.5020, 0.5940

Conversions

Conversions Part 2

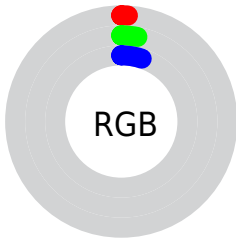
Format	Color
RYB	2, 6, 14
Decimal	133134
CIELab	1.97, -0.67, -3.00
CIELCh	2, 3.075, 257.434
Yxy	0.2183, 0.2230, 0.2547
Android (android.graphics.Color)	4278323214 (0xFF02080E)
YUV	6.8900, 3.5052, -4.2885
Hunter-Lab	4.6720, -0.8736, -2.4088

Details

The Hex color **02080E** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0E0802**, and the grayscale version is **070707**.

A 20% lighter version of the original color is **313539**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **01070E**, and if you desaturate by 10%, it is **03090E**.

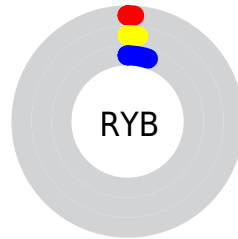
Distribution



Red (1%)

Green (3%)

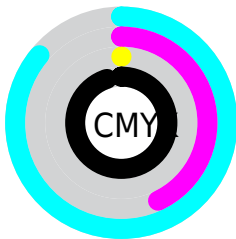
Blue (5%)



Red (1%)

Yellow (2%)

Blue (5%)

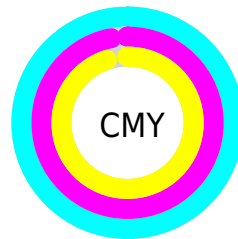


Cyan (86%)

Magenta (43%)

Yellow (0%)

Black (95%)



Cyan (99%)

Magenta (97%)

Yellow (95%)

Brightness & Saturation Gradients

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

■ 02080E

■ 02080E

■ E4E9EE

■ 000000

■ 313539

■ 484C50

■ 5F6468

■ 787C81

■ 92969B

■ ACB1B6

■ C8CCD1

■ 02080E

■ 02080E

■ 01070E

■ 03090E

■ 00070E

■ 05090E

■ 060A0E

■ 080B0E

■ 090C0E

■ 0A0C0E

■ 0C0D0E

■ 0D0E0E

■ 0F0E0E

Harmonies

Analogous

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



00090C



02080E



06070E

Triad

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



02080E



0F0505



040902

Complementary

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



02080E



0E0802

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.



080800



02080E



0F0502

Square

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



02080E



0E0509



0C0600



000905

Rectangle

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



02080E



09060D



0C0600



050801

Sweetspot

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



02080E



0D1012



020E08



07090A



8A8A8A



0A0A0A

Same Dimension

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



02080E



000912



02020E



070708



002447



0063C7

Inverse Universe

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



0E0208



120009



0E0E02



080707



470024



C70063

Previews

White Background



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

Color Contrast Check

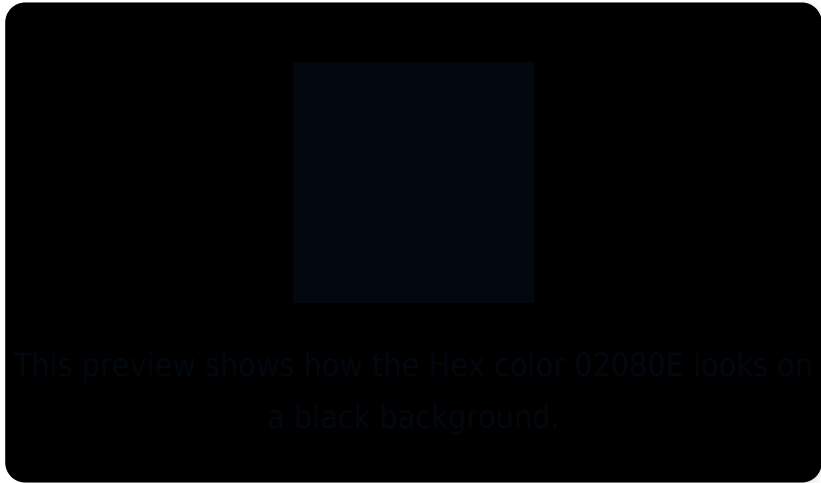
Large Text (above 18pt) WCAG AA ✓ Pass

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

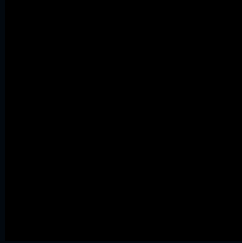
Any Text WCAG AA × Fail

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 02080E Background



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



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

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](#).

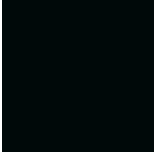
Dichromacy



Original Color
02080E

Protanopia
05080E

Deuteranopia
02080E



Tritanopia
000909

Trichromacy



Original Color

02080E

Protanomaly

04080E

Deuteranomaly

02080E

Tritanomaly

01090B

Monochromacy



Original Color

02080E

Achromatopsia

070707

Achromatomaly

05070A

CSS Examples

Text

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

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

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 #02080E colored shadow looks like.

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

Border

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

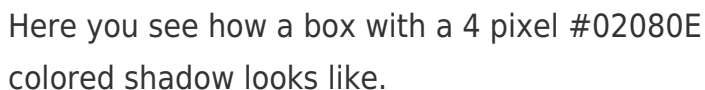
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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