

Converting Colors

Hex(020013)

Have a look what the booklet for
Hex(020013) contains.

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Color

Hex(020013)

Conversions

Conversions Part 1

Format	Color
Hex	020013
RGB	2, 0, 19
RGB Percent	1%, 0%, 7%
CMY	0.9922, 1.0000, 0.9255
CMYK	0.89, 1.00, 0.00, 0.93
HSL	246°, 100%, 4%
HSV	246°, 100%, 7%
XYZ	0.1426, 0.0599, 0.6201
YIQ	2.7640, -4.9070, 6.3330

Conversions

Conversions Part 2

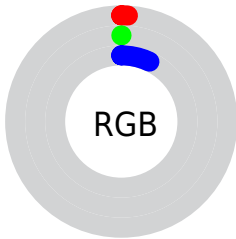
Format	Color
RYB	2, 0, 19
Decimal	131091
CIELab	0.54, 3.51, -7.94
CIElCh	1, 8.677, 293.841
Yxy	0.0599, 0.1733, 0.0728
Android (android.graphics.Color)	4278321171 (0xFF020013)
YUV	2.7640, 8.0043, -0.6700
Hunter-Lab	2.4479, 6.1128, -13.3067

Details

The Hex color **020013** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **111300**, and the grayscale version is **030303**.

A 20% lighter version of the original color is **31303D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **020013**, and if you desaturate by 10%, it is **040213**.

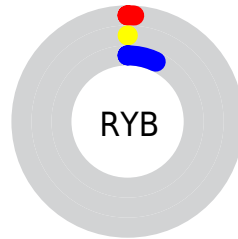
Distribution



Red (1%)

Green (0%)

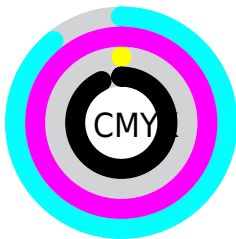
Blue (7%)



Red (1%)

Yellow (0%)

Blue (7%)

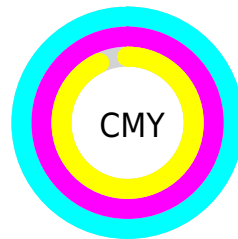


Cyan (89%)

Magenta (100%)

Yellow (0%)

Black (93%)



Cyan (99%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 020013 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 020013 by changing the saturation by 10% instead.

■ 020013

■ 020013

■ E4E2F3

■ 000000

■ 31303D

■ 474754

■ 5F5E6C

■ 787786

■ 9291A0

■ ACABBB

■ C8C6D7

■ 020013

■ 040213

■ 050413

■ 070613

■ 090813

■ 0B0A13

■ 0C0B13

■ 0E0D13

■ 100F13

■ 111113

Harmonies

Analogous

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



000414



020013



0E000E

Triad

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



020013



0F0000



000400

Complementary

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



020013



111300

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.



000400



020013



050100

Square

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



020013



140000



000400



00040A

Rectangle

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



020013



130008



000400

Sweetspot

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



020013



13121A



001113



09080D



8C8C8C



0D0D0D

Same Dimension

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



020013



03001A



0B0013



09090A



08004A



1500C9

Inverse Universe

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



130011



1A0017



081300



0A090A



4A0042



C900B4

Previews

White Background



This preview shows how the Hex color 020013 looks on a white background.

Color Contrast Check

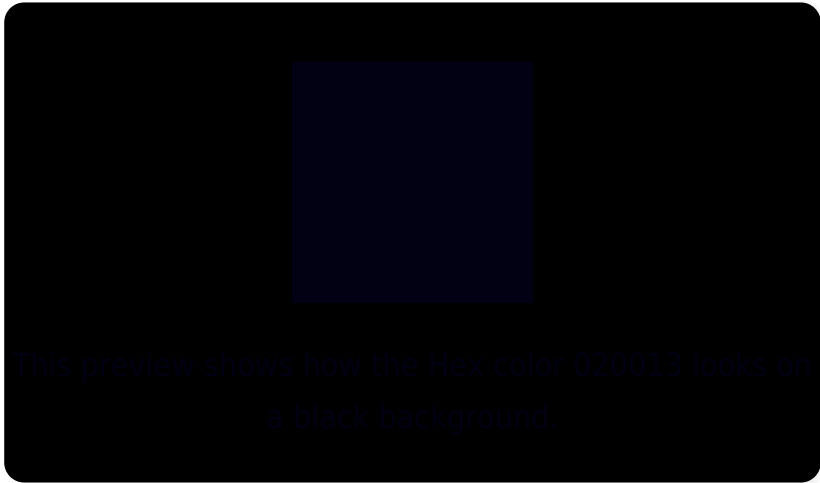
Large Text (above 18pt) WCAG AA ✓ Pass

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

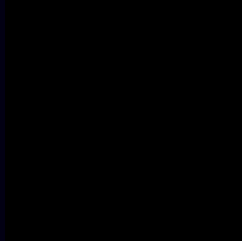
Any Text WCAG AA × Fail

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 020013 Background



This preview shows how black text looks on a background with the Hex color 020013.



This preview shows how white text looks on a background with the Hex color 020013.

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
020013

Protanopia
00060C

Deuteranopia
00060A



Tritanopia
000607

Trichromacy



Original Color
020013

Protanomaly
01040F

Deuteranomaly
01040D

Tritanomaly
01040B

Monochromacy



Original Color
020013

Achromatopsia
030303

Achromatomaly
030209

CSS Examples

Text

The CSS property to change the color of the text to Hex 020013 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 #020013 looks like.

```
.text, #text, p{  
    color:#020013  
}
```

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 #020013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #020013
}
```

Border

The CSS property to change the border of an element to Hex 020013 is called "border". The border property can be set on classes, ids or directly on the HTML element.

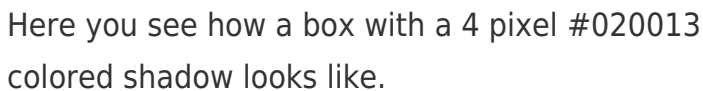
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#020013 }
```

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

```
.border{ border-color:#020013 }
```

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



Here you see how a box with a 4 pixel #020013 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #020013; -webkit-box-shadow:4px 4px  
4px 4px #020013; box-shadow:4px 4px 4px  
4px #020013 }
```

Background

The CSS property to change the background color of an element to Hex 020013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#020013 }
```

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

```
.background{ background-color:#020013 }
```

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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