

Converting Colors

Hex(020315)

Have a look what the booklet for
Hex(020315) contains.

Hex(020315)	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(020315)

Conversions

Conversions Part 1

Format	Color
Hex	020315
RGB	2, 3, 21
RGB Percent	1%, 1%, 8%
CMY	0.9922, 0.9882, 0.9176
CMYK	0.90, 0.86, 0.00, 0.92
HSL	237°, 83%, 5%
HSV	237°, 90%, 8%
XYZ	0.1930, 0.1322, 0.7248
YIQ	4.7530, -6.3740, 5.3860

Conversions

Conversions Part 2

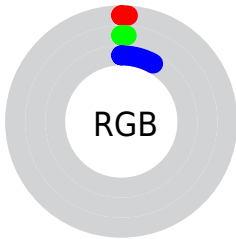
Format	Color
RYB	2, 3, 21
Decimal	131861
CIELab	1.19, 2.76, -8.31
CIElCh	1, 8.755, 288.363
Yxy	0.1322, 0.1838, 0.1259
Android (android.graphics.Color)	4278321941 (0xFF020315)
YUV	4.7530, 8.0098, -2.4144
Hunter-Lab	3.6356, 3.1115, -9.2755

Details

The Hex color **020315** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **151402**, and the grayscale version is **050505**.

A 20% lighter version of the original color is **31323F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **000115**, and if you desaturate by 10%, it is **040515**.

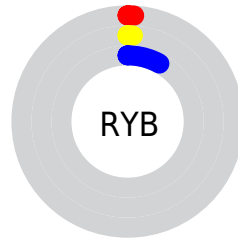
Distribution



Red (1%)

Green (1%)

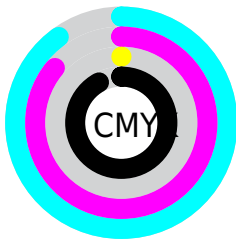
Blue (8%)



Red (1%)

Yellow (1%)

Blue (8%)

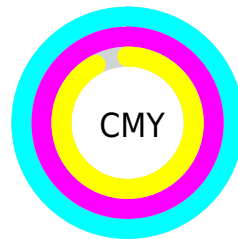


Cyan (90%)

Magenta (86%)

Yellow (0%)

Black (92%)



Cyan (99%)

Magenta (99%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 020315 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 020315 by changing the saturation by 10% instead.

■ 020315

■ 020315

■ E4E5F6

■ 000000

■ 31323F

■ 474956

■ 5F606F

■ 787988

■ 9293A2

■ ACADBD

■ C8C9D9

■ 020315

■ 020315

■ 000115

■ 040515

■ 060715

■ 080915

■ 0A0B15

■ 0C0D15

■ 0F0F15

■ 111115

■ 131315

■ 151515

Harmonies

Analogous

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



000715



020315



0E0011

Triad

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



020315



130000



000800

Complementary

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



020315



151402

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.



000800



020315



0B0300

Square

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



020315



170000



000600



00090B

Rectangle

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



020315



13000C



000600



000800

Sweetspot

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



020315



14151C



021514



0A0B0F



8F8F8F



0F0F0F

Same Dimension

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



020315



00011C



0A0215



09090A



00044A



000BC9

Inverse Universe

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



150203



1C0001



0D1502



0A0909



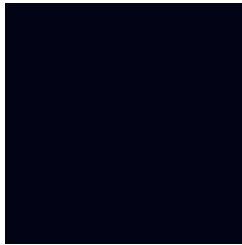
4A0004



C9000B

Previews

White Background



This preview shows how the Hex color 020315 looks on a white background.

Color Contrast Check

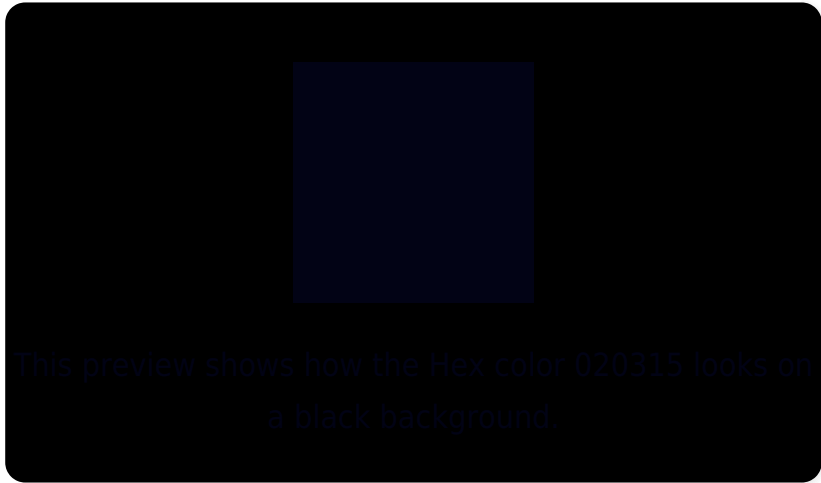
Large Text (above 18pt) WCAG AA ✓ Pass

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

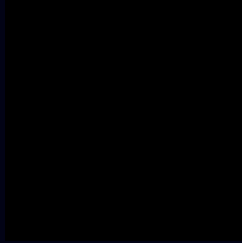
Any Text WCAG AA × Fail

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 020315 Background



This preview shows how black text looks on a background with the Hex color 020315.



This preview shows how white text looks on a background with the Hex color 020315.

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
020315

Protanopia
00070E

Deuteranopia
00070C



Tritanopia
000808

Trichromacy



Original Color

020315

Protanomaly

010611

Deuteranomaly

01060F

Tritanomaly

01060D

Monochromacy



Original Color

020315

Achromatopsia

050505

Achromatomaly

04040B

CSS Examples

Text

The CSS property to change the color of the text to Hex 020315 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 #020315 looks like.

```
.text, #text, p{  
    color:#020315  
}
```

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 #020315 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #020315
}
```

Border

The CSS property to change the border of an element to Hex 020315 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
#020315 }
```

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

```
.border{ border-color:#020315 }
```

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

Here you see how a box with a 4 pixel #020315 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #020315; -webkit-box-shadow:4px 4px  
4px 4px #020315; box-shadow:4px 4px 4px  
4px #020315 }
```

Background

The CSS property to change the background color of an element to Hex 020315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#020315 }
```

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

```
.background{ background-color:#020315 }
```

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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