

Converting Colors

Hex(020173)

Have a look what the booklet for
Hex(020173) contains.

Hex(020173)	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(020173)

Conversions

Conversions Part 1

Format	Color
Hex	020173
RGB	2, 1, 115
RGB Percent	1%, 0%, 45%
CMY	0.9922, 0.9961, 0.5490
CMYK	0.98, 0.99, 0.00, 0.55
HSL	241°, 98%, 23%
HSV	241°, 99%, 45%
XYZ	3.1304, 1.2724, 16.3003
YIQ	14.2950, -35.9980, 35.6660

Conversions

Conversions Part 2

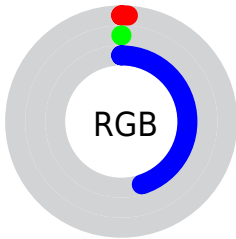
Format	Color
R_{YB}	2, 1, 115
Decimal	131443
CIE _{Lab}	11.08, 43.54, -59.50
CIE _{LCh}	11, 73.734, 306.195
Yxy	1.2724, 0.1512, 0.0615
Android (android.graphics.Color)	4278321523 (0xFF020173)
YUV	14.2950, 49.6476, -10.7827
Hunter-Lab	11.2802, 29.7960, -77.7803

Details

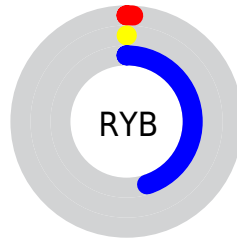
The Hex color **020173** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **727301**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **4F31A8**, and **000341** is the 20% darker color. If you saturate the color by 10%, you get **010073**, and if you desaturate by 10%, it is **0D0C73**.

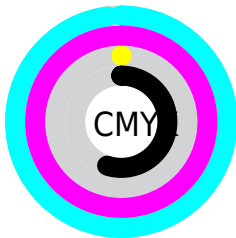
Distribution



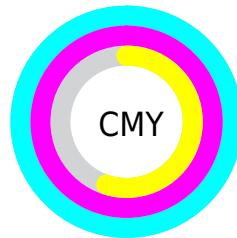
- Red (1%)
- Green (0%)
- Blue (45%)



- Red (1%)
- Yellow (0%)
- Blue (45%)



- Cyan (98%)
- Magenta (99%)
- Yellow (0%)
- Black (55%)



- Cyan (99%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 020173 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 020173 by changing the saturation by 10% instead.

020173

020173

FFE9FF

00005A

4F31A8

000341

6B49C4

00032A

8862E1

000114

A47BFE

000000

C196FF

DFB1FF

FDCDFF

020173

020173

■ 010073

■ 0D0C73

■ 191873

■ 242373

■ 302F73

■ 3B3B73

■ 464673

■ 525273

■ 5D5D73

■ 696973

Harmonies

Analogous

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



002688



020173



5B0048

Triad

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



020173



440200



002C28

Complementary

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



020173



727301

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.



002B00



020173



1D2000

Square

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



020173



5F0000



002A00



002F5A

Rectangle

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



020173



690027



002A00



002B16

Sweetspot

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



020173



6A6996



017373



31314D



CCCCCC



4D4D4D

Same Dimension

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



020173



010096



3A0173



35353B



01007A



0200FA

Inverse Universe

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



730172



960095



3A7301



3B353B



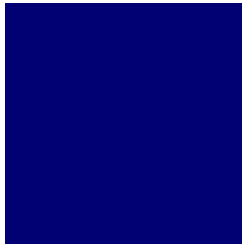
7A0079



FA00F8

Previews

White Background



This preview shows how the Hex color 020173 looks on a white background.

Color Contrast Check

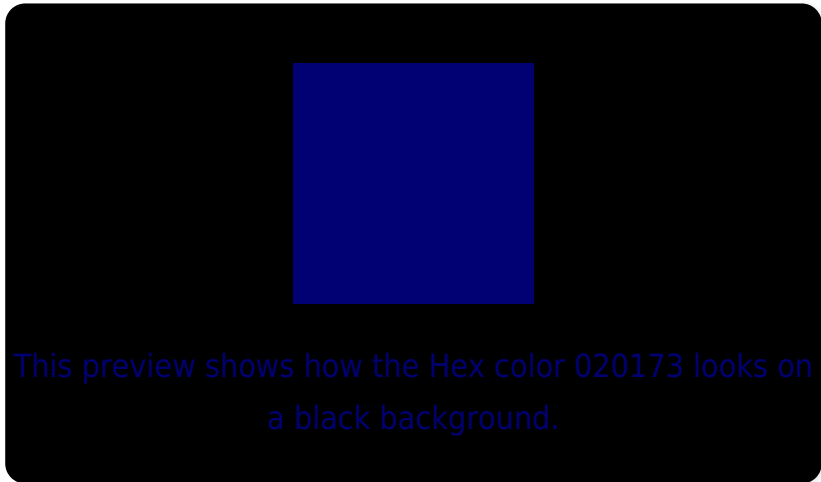
Large Text (above 18pt) WCAG AA ✓ Pass

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

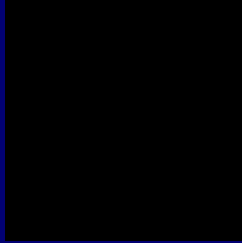
Any Text WCAG AA × Fail

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 020173 Background



This preview shows how black text looks on a background with the Hex color 020173.



This preview shows how white text looks on a background with the Hex color 020173.

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
020173

Protanopia
002246

Deuteranopia
00243C

Trichromacy



Original Color
020173

Protanomaly
011656

Deuteranomaly
011750

Tritanomaly
011943

Monochromacy



Original Color
020173

Achromatopsia
0E0E0E

Achromatomaly
0A0933

CSS Examples

Text

The CSS property to change the color of the text to Hex 020173 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 #020173 looks like.

```
.text, #text, p{  
    color:#020173  
}
```

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 #020173 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #020173
}
```

Border

The CSS property to change the border of an element to Hex 020173 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
#020173 }
```

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

```
.border{ border-color:#020173 }
```

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

Here you see how a box with a 4 pixel #020173 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #020173; -webkit-box-shadow:4px 4px  
4px 4px #020173; box-shadow:4px 4px 4px  
4px #020173 }
```

Background

The CSS property to change the background color of an element to Hex 020173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#020173 }
```

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

```
.background{ background-color:#020173 }
```

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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