

Converting Colors

Hex(020E7C)

Have a look what the booklet for
Hex(020E7C) contains.

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Color

Hex(020E7C)

Conversions

Conversions Part 1

Format	Color
Hex	020E7C
RGB	2, 14, 124
RGB Percent	1%, 5%, 49%
CMY	0.9922, 0.9451, 0.5137
CMYK	0.98, 0.89, 0.00, 0.51
HSL	234°, 97%, 25%
HSV	234°, 98%, 49%
XYZ	3.8202, 1.7822, 19.2114
YIQ	22.9520, -42.4620, 31.6660

Conversions

Conversions Part 2

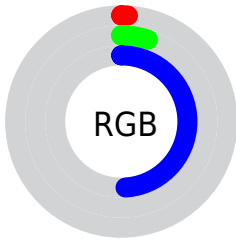
Format	Color
R_{YB}	2, 13, 124
Decimal	134780
CIE _{Lab}	14.30, 40.67, -59.93
CIE _{LCh}	14, 72.428, 304.158
Yxy	1.7822, 0.1540, 0.0718
Android (android.graphics.Color)	4278324860 (0xFF020E7C)
YUV	22.9520, 49.8167, -18.3749
Hunter-Lab	13.3500, 27.7162, -75.9770

Details

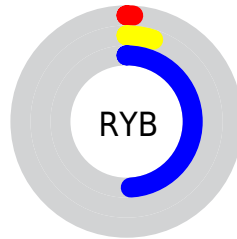
The Hex color **020E7C** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **7C7002**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **503CB2**, and **00004A** is the 20% darker color. If you saturate the color by 10%, you get **000C7C**, and if you desaturate by 10%, it is **0E197C**.

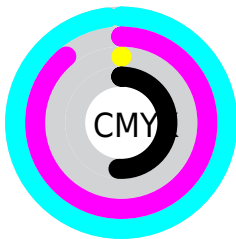
Distribution



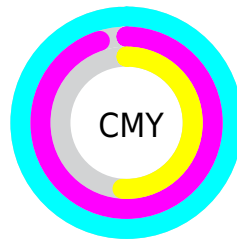
- Red (1%)
- Green (5%)
- Blue (49%)



- Red (1%)
- Yellow (5%)
- Blue (49%)



- Cyan (98%)
- Magenta (89%)
- Yellow (0%)
- Black (51%)



- Cyan (99%)
- Magenta (95%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 020E7C 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 020E7C by changing the saturation by 10% instead.

 020E7C

 020E7C

 FFF5FF

 000062

 503CB2

 00004A

 6E54CE

 000432

 8A6DEB

 00021C

 A786FF

 000000

 C4A1FF

 E2BCFF

 FFD8FF

 020E7C

 020E7C

■ 000C7C

■ 0E197C

■ 1B247C

■ 27307C

■ 343B7C

■ 40467C

■ 4C517C

■ 595C7C

■ 65677C

■ 72737C

Harmonies

Analogous

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



002D8F



020E7C



600052

Triad

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



020E7C



4F0700



00342B

Complementary

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



020E7C



7C7002

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.



003300



020E7C



282500

Square

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



020E7C



6A0000



002F00



00375E

Rectangle

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



020E7C



700031



002F00



003418

Sweetspot

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



020E7C



7075A1



027C70



343752



D1D1D1



525252

Same Dimension

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



020E7C



0010A1



33027C



37383D



000C7D



0019FC

Inverse Universe

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



7C020E



A10010



4B7C02



3D3738



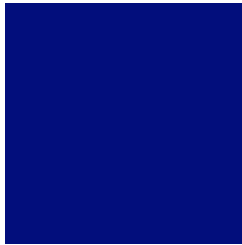
7D000C



FC0019

Previews

White Background



This preview shows how the Hex color 020E7C looks on a white background.

Color Contrast Check

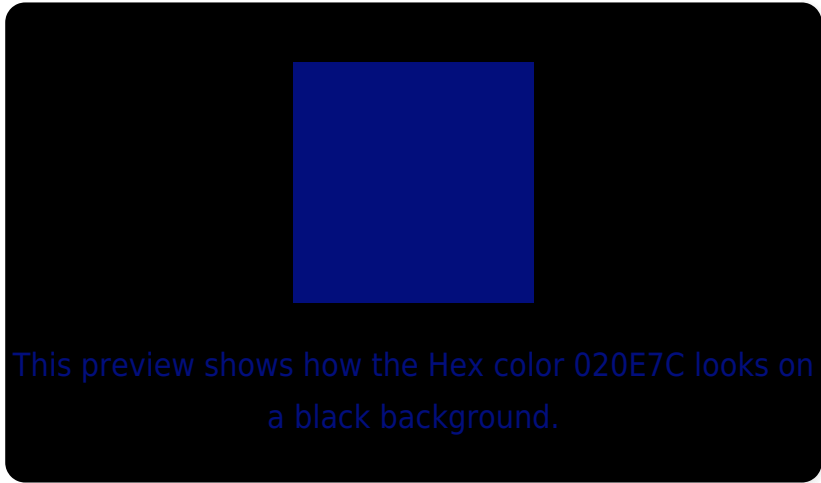
Large Text (above 18pt) WCAG AA ✓ Pass

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

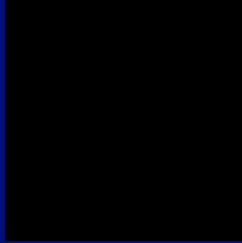
Any Text WCAG AA × Fail

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 020E7C Background



This preview shows how black text looks on a background with the Hex color 020E7C.



This preview shows how white text looks on a background with the Hex color 020E7C.

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
020E7C

Protanopia
00264F

Deuteranopia
002843



Tritanopia
002B2D

Trichromacy



Original Color
020E7C

Protanomaly
011D5F

Deuteranomaly
011F58

Tritanomaly
01204A

Monochromacy



Original Color
020E7C

Achromatopsia
171717

Achromatomaly
0F143C

CSS Examples

Text

The CSS property to change the color of the text to Hex 020E7C 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 #020E7C looks like.

```
.text, #text, p{  
    color:#020E7C  
}
```

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 #020E7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #020E7C
}
```

Border

The CSS property to change the border of an element to Hex 020E7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

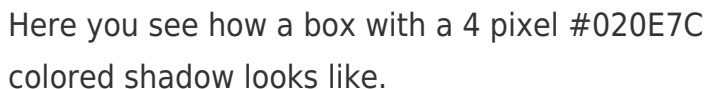
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#020E7C }
```

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

```
.border{ border-color:#020E7C }
```

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



Here you see how a box with a 4 pixel #020E7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #020E7C; -webkit-box-shadow:4px 4px  
4px 4px #020E7C; box-shadow:4px 4px 4px  
4px #020E7C }
```

Background

The CSS property to change the background color of an element to Hex 020E7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#020E7C }
```

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

```
.background{ background-color:#020E7C }
```

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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