

Converting Colors

Hex(020D6E)

Have a look what the booklet for
Hex(020D6E) contains.

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Color

Hex(020D6E)

Conversions

Conversions Part 1

Format	Color
Hex	020D6E
RGB	2, 13, 110
RGB Percent	1%, 5%, 43%
CMY	0.9922, 0.9490, 0.5686
CMYK	0.98, 0.88, 0.00, 0.57
HSL	234°, 96%, 22%
HSV	234°, 98%, 43%
XYZ	2.9834, 1.4265, 14.8700
YIQ	20.7690, -37.6930, 27.8350

Conversions

Conversions Part 2

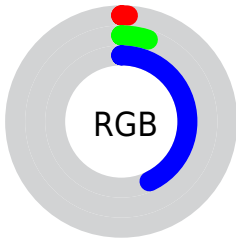
Format	Color
R_{YB}	2, 12, 110
Decimal	134510
CIE _{Lab}	12.13, 36.46, -54.49
CIE _{LCh}	12, 65.561, 303.787
Yxy	1.4265, 0.1547, 0.0740
Android (android.graphics.Color)	4278324590 (0xFF020D6E)
YUV	20.7690, 43.9909, -16.4604
Hunter-Lab	11.9438, 23.6857, -65.4550

Details

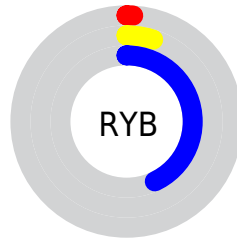
The Hex color **020D6E** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6E6302**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **4C3AA3**, and **00043D** is the 20% darker color. If you saturate the color by 10%, you get **000B6E**, and if you desaturate by 10%, it is **0D176E**.

Distribution



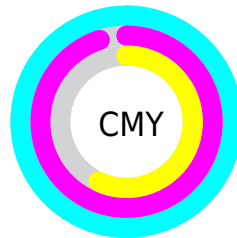
- Red (1%)
- Green (5%)
- Blue (43%)



- Red (1%)
- Yellow (5%)
- Blue (43%)



- Cyan (98%)
- Magenta (88%)
- Yellow (0%)
- Black (57%)



- Cyan (99%)
- Magenta (95%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 020D6E 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 020D6E by changing the saturation by 10% instead.

020D6E

020D6E

FFF1FF

000055

4C3AA3

00043D

6851BE

000326

846ADB

00010F

A083F7

000000

BD9EFF

DAB9FF

F7D5FF

020D6E

020D6E

■ 000B6E

■ 0D176E

■ 18216E

■ 232B6E

■ 2E356E

■ 393E6E

■ 44486E

■ 4F526E

■ 5A5C6E

■ 65666E

Harmonies

Analogous

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



00277F



020D6E



550049

Triad

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



020D6E



460600



002E25

Complementary

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



020D6E



6E6302

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.



002D00



020D6E



242100

Square

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



020D6E



5E0000



002A00



003152

Rectangle

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



020D6E



63002B



002A00



002E15

Sweetspot

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



020D6E



656A8F



026E61



2E3147



C7C7C7



474747

Same Dimension

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



020D6E



000F8F



2B026E



323338



000C78



0019F7

Inverse Universe

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



6E020D



8F000F



456E02



383233



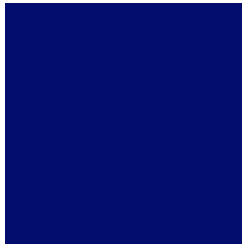
78000C



F70019

Previews

White Background



This preview shows how the Hex color 020D6E looks on a white background.

Color Contrast Check

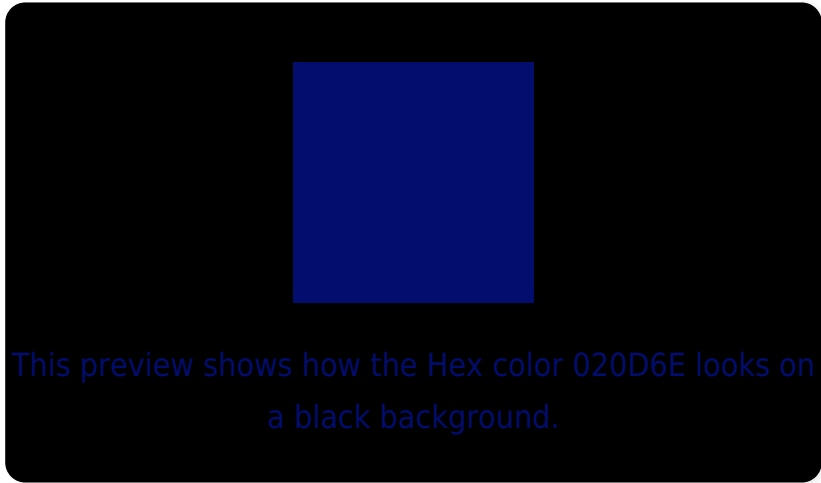
Large Text (above 18pt) WCAG AA ✓ Pass

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

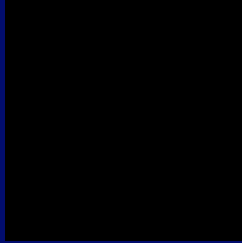
Any Text WCAG AA × Fail

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 020D6E Background



This preview shows how black text looks on a background with the Hex color 020D6E.



This preview shows how white text looks on a background with the Hex color 020D6E.

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
020D6E

Protanopia
002146

Deuteranopia
00243B

Trichromacy



Original Color
020D6E

Protanomaly
011A55

Deuteranomaly
011C4E

Tritanomaly
011D41

Monochromacy



Original Color
020D6E

Achromatopsia
151515

Achromatomaly
0E1235

CSS Examples

Text

The CSS property to change the color of the text to Hex 020D6E 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 #020D6E looks like.

```
.text, #text, p{  
    color:#020D6E  
}
```

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 #020D6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #020D6E
}
```

Border

The CSS property to change the border of an element to Hex 020D6E 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".

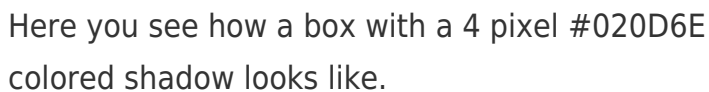
```
.border, #border, table{ border:4px solid
#020D6E }
```

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

```
.border{ border-color:#020D6E }
```

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

Here you see how a box with a 4 pixel #020D6E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #020D6E; -webkit-box-shadow:4px 4px  
4px 4px #020D6E; box-shadow:4px 4px 4px  
4px #020D6E }
```

Background

The CSS property to change the background color of an element to Hex 020D6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#020D6E }
```

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

```
.background{ background-color:#020D6E }
```

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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