

Converting Colors

Hex(020767)

Have a look what the booklet for
Hex(020767) contains.

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Color

Hex(020767)

Conversions

Conversions Part 1

Format	Color
Hex	020767
RGB	2, 7, 103
RGB Percent	1%, 3%, 40%
CMY	0.9922, 0.9725, 0.5961
CMYK	0.98, 0.93, 0.00, 0.60
HSL	237°, 96%, 21%
HSV	237°, 98%, 40%
XYZ	2.5492, 1.1441, 12.9184
YIQ	16.4490, -33.7960, 28.7960

Conversions

Conversions Part 2

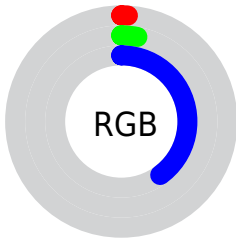
Format	Color
R_{YB}	2, 7, 103
Decimal	132967
CIE _{Lab}	10.14, 37.00, -53.21
CIE _{LCh}	10, 64.809, 304.813
Yxy	1.1441, 0.1535, 0.0689
Android (android.graphics.Color)	4278323047 (0xFF020767)
YUV	16.4490, 42.6696, -12.6718
Hunter-Lab	10.6964, 23.8217, -64.1191

Details

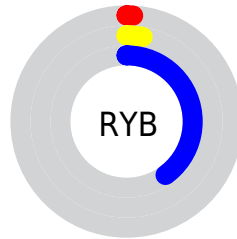
The Hex color **020767** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **676202**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **4A349B**, and **000536** is the 20% darker color. If you saturate the color by 10%, you get **000567**, and if you desaturate by 10%, it is **0C1167**.

Distribution



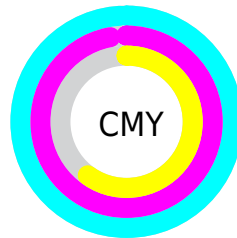
- Red (1%)
- Green (3%)
- Blue (40%)



- Red (1%)
- Yellow (3%)
- Blue (40%)



- Cyan (98%)
- Magenta (93%)
- Yellow (0%)
- Black (60%)



- Cyan (99%)
- Magenta (97%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 020767 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 020767 by changing the saturation by 10% instead.

020767

020767

FFEBFF

00004E

4A349B

000536

664CB7

000220

8164D3

000004

9D7EEF

000000

BA98FF

D7B3FF

F4CEFF

020767

020767

■ 000567

■ 0C1167

■ 171B67

■ 212467

■ 2B2E67

■ 353867

■ 404267

■ 4A4C67

■ 545567

■ 5F5F67

Harmonies

Analogous

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



002378



020767



500042

Triad

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



020767



3F0400



002922

Complementary

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



020767



676202

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.



002800



020767



1E1D00

Square

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



020767



570000



002700



002B4E

Rectangle

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



020767



5D0026



002700



002912

Sweetspot

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



020767



606287



026762



2D2E45



C4C4C4



454545

Same Dimension

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



020767



000787



2F0267



2E2E33



000673



000CF2

Inverse Universe

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



670207



870007



3A6702



332E2E



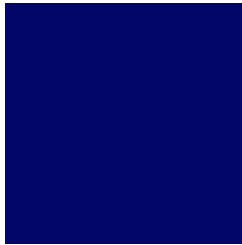
730006



F2000C

Previews

White Background



This preview shows how the Hex color 020767 looks on a white background.

Color Contrast Check

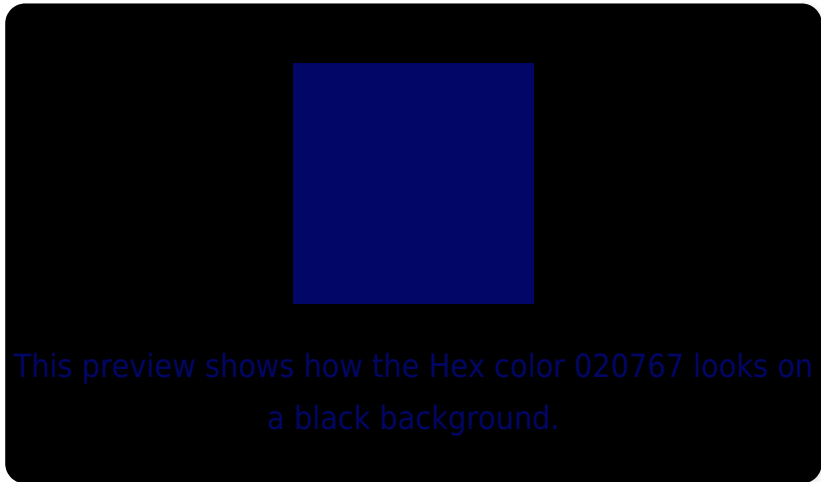
Large Text (above 18pt) WCAG AA ✓ Pass

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

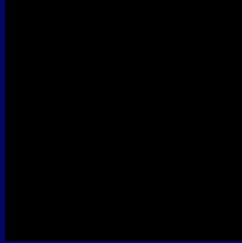
Any Text WCAG AA × Fail

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 020767 Background



This preview shows how black text looks on a background with the Hex color 020767.



This preview shows how white text looks on a background with the Hex color 020767.

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
020767

Protanopia
001E40

Deuteranopia
002136

Trichromacy



Original Color
020767

Protanomaly
01164E

Deuteranomaly
011848

Tritanomaly
01193D

Monochromacy



Original Color
020767

Achromatopsia
101010

Achromatomaly
0B0D30

CSS Examples

Text

The CSS property to change the color of the text to Hex 020767 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 #020767 looks like.

```
.text, #text, p{  
    color:#020767  
}
```

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 #020767 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #020767
}
```

Border

The CSS property to change the border of an element to Hex 020767 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
#020767 }
```

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

```
.border{ border-color:#020767 }
```

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

Here you see how a box with a 4 pixel #020767 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #020767; -webkit-box-shadow:4px 4px  
4px 4px #020767; box-shadow:4px 4px 4px  
4px #020767 }
```

Background

The CSS property to change the background color of an element to Hex 020767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#020767 }
```

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

```
.background{ background-color:#020767 }
```

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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