

Converting Colors

Hex(020266)

Have a look what the booklet for
Hex(020266) contains.

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Color

Hex(020266)

Conversions

Conversions Part 1

Format	Color
Hex	020266
RGB	2, 2, 102
RGB Percent	1%, 1%, 40%
CMY	0.9922, 0.9922, 0.6000
CMYK	0.98, 0.98, 0.00, 0.60
HSL	240°, 96%, 20%
HSV	240°, 98%, 40%
XYZ	2.4450, 1.0156, 12.6375
YIQ	13.4000, -32.1000, 31.1000

Conversions

Conversions Part 2

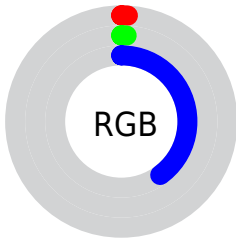
Format	Color
RYB	2, 2, 102
Decimal	131686
CIELab	9.12, 39.32, -54.25
CIELCh	9, 66.997, 305.936
Yxy	1.0156, 0.1519, 0.0631
Android (android.graphics.Color)	4278321766 (0xFF020266)
YUV	13.4000, 43.6798, -9.9978
Hunter-Lab	10.0779, 25.6701, -67.2946

Details

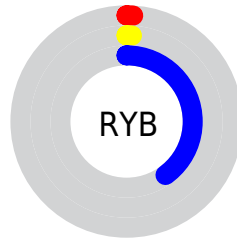
The Hex color **020266** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **666602**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **4A309A**, and **000535** is the 20% darker color. If you saturate the color by 10%, you get **000066**, and if you desaturate by 10%, it is **0C0C66**.

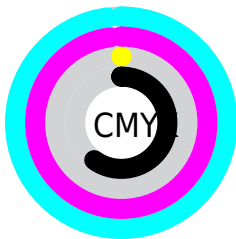
Distribution



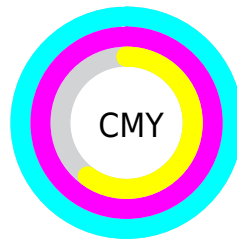
- Red (1%)
- Green (1%)
- Blue (40%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 020266 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 020266 by changing the saturation by 10% instead.

020266

020266

FFE6FF

00004D

4A309A

000535

6647B6

00021F

8260D2

000002

9E79EE

000000

BA93FF

D7AEFF

F5CAFF

020266

020266

■ 000066

■ 0C0C66

■ 161666

■ 212166

■ 2B2B66

■ 353566

■ 3F3F66

■ 494966

■ 545466

■ 5E5E66

Harmonies

Analogous

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



002179



020266



500040

Triad

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



020266



3C0200



002622

Complementary

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



020266



666602

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.



002600



020266



191C00

Square

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



020266



550000



002600



00294F

Rectangle

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



020266



5D0022



002600



002612

Sweetspot

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



020266



5E5E85



026666



2B2B42



C2C2C2



424242

Same Dimension

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



020266



000085



340266



2E2E33



000073



0000F2

Inverse Universe

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



660266



850085



346602



332E33



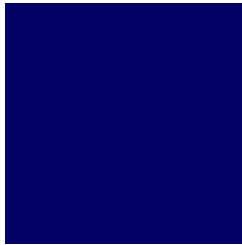
730073



F200F2

Previews

White Background



This preview shows how the Hex color 020266 looks on a white background.

Color Contrast Check

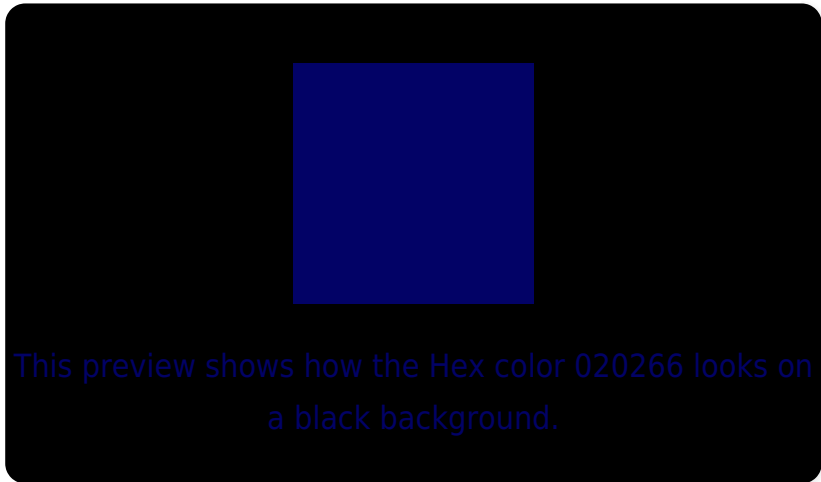
Large Text (above 18pt) WCAG AA ✓ Pass

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

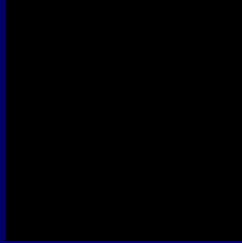
Any Text WCAG AA × Fail

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 020266 Background



This preview shows how black text looks on a background with the Hex color 020266.



This preview shows how white text looks on a background with the Hex color 020266.

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
020266

Protanopia
001E3E

Deuteranopia
002035

Trichromacy



Original Color
020266

Protanomaly
01144D

Deuteranomaly
011547

Tritanomaly
01163C

Monochromacy



Original Color
020266

Achromatopsia
0D0D0D

Achromatomaly
09092D

CSS Examples

Text

The CSS property to change the color of the text to Hex 020266 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 #020266 looks like.

```
.text, #text, p{  
    color:#020266  
}
```

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 #020266 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #020266
}
```

Border

The CSS property to change the border of an element to Hex 020266 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
#020266 }
```

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

```
.border{ border-color:#020266 }
```

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

Here you see how a box with a 4 pixel #020266 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #020266; -webkit-box-shadow:4px 4px  
4px 4px #020266; box-shadow:4px 4px 4px  
4px #020266 }
```

Background

The CSS property to change the background color of an element to Hex 020266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#020266 }
```

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

```
.background{ background-color:#020266 }
```

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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