

Converting Colors

Hex(020752)

Have a look what the booklet for
Hex(020752) contains.

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Color

Hex(020752)

Conversions

Conversions Part 1

Format	Color
Hex	020752
RGB	2, 7, 82
RGB Percent	1%, 3%, 32%
CMY	0.9922, 0.9725, 0.6784
CMYK	0.98, 0.91, 0.00, 0.68
HSL	236°, 95%, 16%
HSV	236°, 98%, 32%
XYZ	1.6240, 0.7741, 8.0465
YIQ	14.0550, -27.0550, 22.2650

Conversions

Conversions Part 2

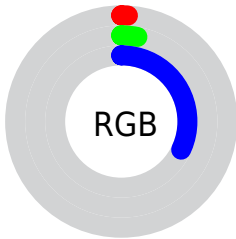
Format	Color
RYB	2, 7, 82
Decimal	132946
CIELab	6.99, 29.68, -44.29
CIELCh	7, 53.312, 303.827
Yxy	0.7741, 0.1555, 0.0741
Android (android.graphics.Color)	4278323026 (0xFF020752)
YUV	14.0550, 33.4969, -10.5722
Hunter-Lab	8.7981, 17.5521, -48.0663

Details

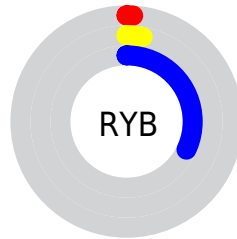
The Hex color **020752** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **524D02**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **423285**, and **000224** is the 20% darker color. If you saturate the color by 10%, you get **000552**, and if you desaturate by 10%, it is **0A0F52**.

Distribution



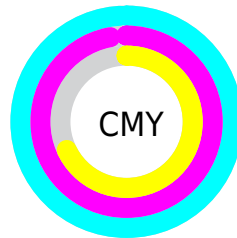
- Red (1%)
- Green (3%)
- Blue (32%)



- Red (1%)
- Yellow (3%)
- Blue (32%)



- Cyan (98%)
- Magenta (91%)
- Yellow (0%)
- Black (68%)



- Cyan (99%)
- Magenta (97%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 020752 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 020752 by changing the saturation by 10% instead.

 020752

 020752

 FFE6FF

 00003A

 423285

 000224

 5C499F

 00000B

 7761BA

 000000

 927AD6

 AE94F3

 CAAFFF

 E7CAFF

 020752

 020752

■ 000552

■ 0A0F52

■ 121652

■ 1B1E52

■ 232652

■ 2B2D52

■ 333552

■ 3B3D52

■ 444552

■ 4C4C52

Harmonies

Analogous

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



001B5F



020752



3F0035

Triad

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



020752



330300



002119

Complementary

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



020752



524D02

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.



002000



020752



181600

Square

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



020752



460000



002000



00233D

Rectangle

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



020752



4A001F



002000



00200A

Sweetspot

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



020752



4C4E6B



02524D



232436



B5B5B5



363636

Same Dimension

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



020752



00076B



250252



252529



000769



000FE8

Inverse Universe

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



520207



6B0007



2F5202



292525



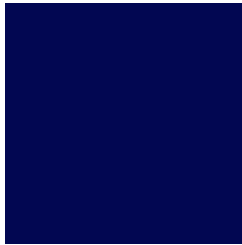
690007



E8000F

Previews

White Background



This preview shows how the Hex color 020752 looks on a white background.

Color Contrast Check

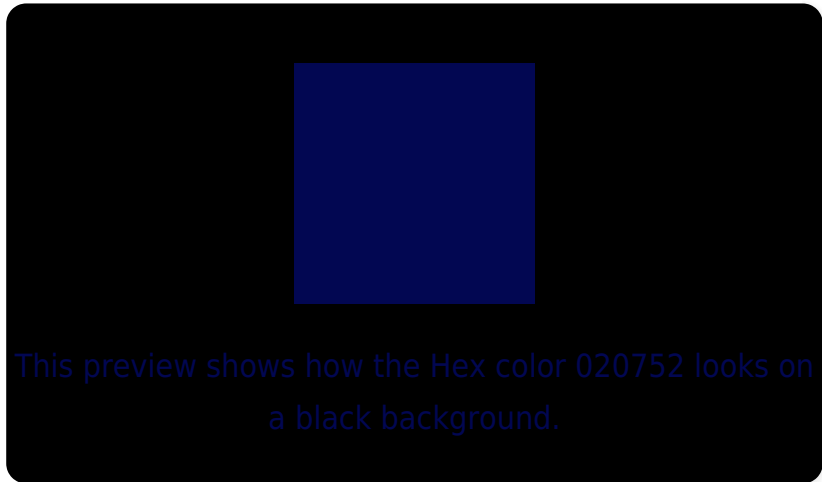
Large Text (above 18pt) WCAG AA ✓ Pass

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

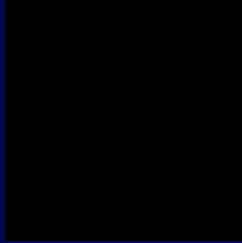
Any Text WCAG AA × Fail

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 020752 Background



This preview shows how black text looks on a background with the Hex color 020752.



This preview shows how white text looks on a background with the Hex color 020752.

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
020752

Protanopia
001833

Deuteranopia
001A2B



Tritanopia
001C1D

Trichromacy



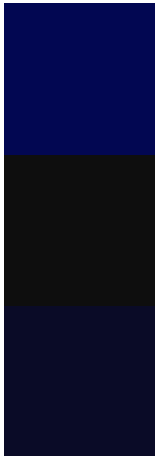
Original Color
020752

Protanomaly
01123E

Deuteranomaly
011339

Tritanomaly
011430

Monochromacy



Original Color
020752

Achromatopsia
0E0E0E

Achromatomaly
0A0B27

CSS Examples

Text

The CSS property to change the color of the text to Hex 020752 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 #020752 looks like.

```
.text, #text, p{  
    color:#020752  
}
```

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 #020752 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #020752
}
```

Border

The CSS property to change the border of an element to Hex 020752 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".

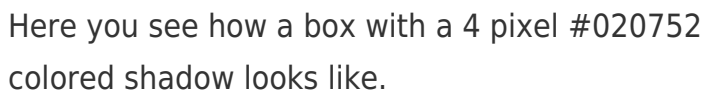
```
.border, #border, table{ border:4px solid
#020752 }
```

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

```
.border{ border-color:#020752 }
```

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

Here you see how a box with a 4 pixel #020752 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border. The shadow is a thick, dark blue horizontal bar at the bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #020752; -webkit-box-shadow:4px 4px  
4px 4px #020752; box-shadow:4px 4px 4px  
4px #020752 }
```

Background

The CSS property to change the background color of an element to Hex 020752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#020752 }
```

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

```
.background{ background-color:#020752 }
```

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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