

Converting Colors

Hex(020645)

Have a look what the booklet for
Hex(020645) contains.

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Color

Hex(020645)

Conversions

Conversions Part 1

Format	Color
Hex	020645
RGB	2, 6, 69
RGB Percent	1%, 2%, 27%
CMY	0.9922, 0.9765, 0.7294
CMYK	0.97, 0.91, 0.00, 0.73
HSL	236°, 94%, 14%
HSV	236°, 97%, 27%
XYZ	1.1643, 0.5728, 5.6794
YIQ	11.9860, -22.6070, 18.7450

Conversions

Conversions Part 2

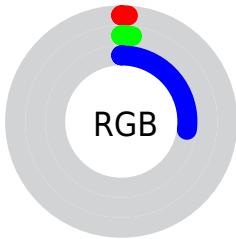
Format	Color
RYB	2, 6, 69
Decimal	132677
CIELab	5.17, 23.99, -38.22
CIElCh	5, 45.126, 302.119
Yxy	0.5728, 0.1570, 0.0772
Android (android.graphics.Color)	4278322757 (0xFF020645)
YUV	11.9860, 28.1079, -8.7577
Hunter-Lab	7.5685, 14.2154, -39.1932

Details

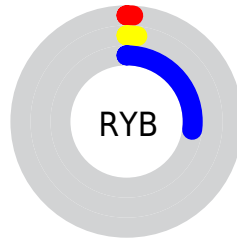
The Hex color **020645** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **454102**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **3B3176**, and **000118** is the 20% darker color. If you saturate the color by 10%, you get **000445**, and if you desaturate by 10%, it is **090C45**.

Distribution



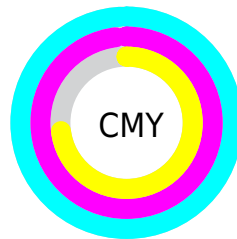
- Red (1%)
- Green (2%)
- Blue (27%)



- Red (1%)
- Yellow (2%)
- Blue (27%)



- Cyan (97%)
- Magenta (91%)
- Yellow (0%)
- Black (73%)



- Cyan (99%)
- Magenta (98%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 020645 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 020645 by changing the saturation by 10% instead.

■ 020645

■ 020645

■ FBE5FF

■ 00012E

■ 3B3176

■ 000118

■ 554890

■ 000000

■ 6F60AB

■ 8A79C6

■ A593E3

■ C1ADFF

■ DEC9FF

■ 020645

■ 020645

■ 000445

■ 090C45

■ 101345

■ 171945

■ 1E2045

■ 252645

■ 2B2D45

■ 323345

■ 393A45

■ 404045

Harmonies

Analogous

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



00164F



020645



34002E

Triad

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



020645



2D0100



001B13

Complementary

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



020645



454102

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.



001B00



020645



151200

Square

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



020645



3C0000



001B00



001D31

Rectangle

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



020645



3E001B



001B00



001B03

Sweetspot

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



020645



3F4159



024541



1E1F2E



ADADAD



2E2E2E

Same Dimension

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



020645



000559



1F0245



202024



000663



000EE3

Inverse Universe

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



450206



590005



284502



242020



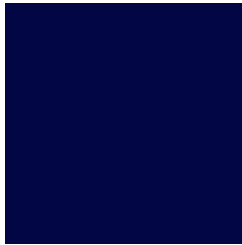
630006



E3000E

Previews

White Background



This preview shows how the Hex color 020645 looks on a white background.

Color Contrast Check

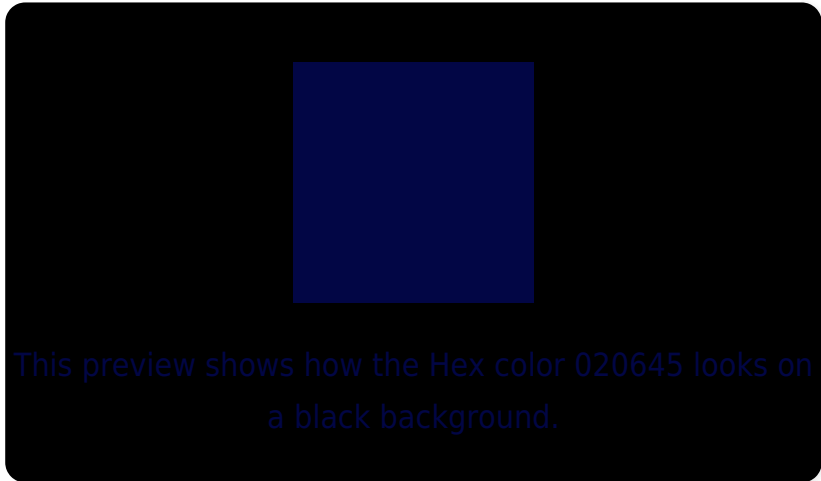
Large Text (above 18pt) WCAG AA ✓ Pass

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

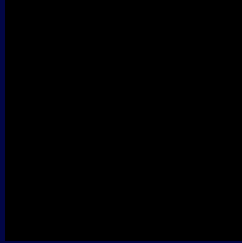
Any Text WCAG AA × Fail

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 020645 Background



This preview shows how black text looks on a background with the Hex color 020645.



This preview shows how white text looks on a background with the Hex color 020645.

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
020645

Protanopia
00152B

Deuteranopia
001625



Tritanopia
001819

Trichromacy



Original Color
020645

Protanomaly
011034

Deuteranomaly
011031

Tritanomaly
011129

Monochromacy



Original Color
020645

Achromatopsia
0C0C0C

Achromatomaly
080A21

CSS Examples

Text

The CSS property to change the color of the text to Hex 020645 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 #020645 looks like.

```
.text, #text, p{  
    color:#020645  
}
```

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 #020645 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #020645
}
```

Border

The CSS property to change the border of an element to Hex 020645 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
#020645 }
```

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

```
.border{ border-color:#020645 }
```

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

Here you see how a box with a 4 pixel #020645 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #020645; -webkit-box-shadow:4px 4px  
4px 4px #020645; box-shadow:4px 4px 4px  
4px #020645 }
```

Background

The CSS property to change the background color of an element to Hex 020645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#020645 }
```

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

```
.background{ background-color:#020645 }
```

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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