

Converting Colors

Hex(003B20)

Have a look what the booklet for
Hex(003B20) contains.

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Color

Hex(003B20)

Conversions

Conversions Part 1

Format	Color
Hex	003B20
RGB	0, 59, 32
RGB Percent	0%, 23%, 13%
CMY	1.0000, 0.7686, 0.8745
CMYK	1.00, 0.00, 0.46, 0.77
HSL	153°, 100%, 12%
HSV	153°, 100%, 23%
XYZ	1.8247, 3.2322, 1.8942
YIQ	38.2810, -26.4970, -20.9050

Conversions

Conversions Part 2

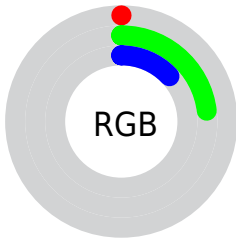
Format	Color
RYB	0, 38, 59
Decimal	15136
CIELab	20.95, -25.39, 11.89
CIELCh	21, 28.034, 154.914
Yxy	3.2322, 0.2625, 0.4650
Android (android.graphics.Color)	4278205216 (0xFF003B20)
YUV	38.2810, -3.0965, -33.5724
Hunter-Lab	17.9784, -13.3456, 6.3380

Details

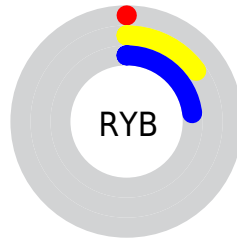
The Hex color **003B20** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3B001B**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **366B4C**, and **000700** is the 20% darker color. If you saturate the color by 10%, you get **003B20**, and if you desaturate by 10%, it is **063B23**.

Distribution



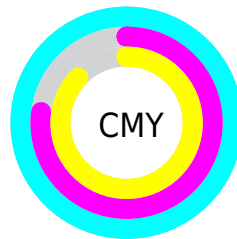
- Red (0%)
- Green (23%)
- Blue (13%)



- Red (0%)
- Yellow (15%)
- Blue (23%)



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (77%)



- Cyan (100%)
- Magenta (77%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003B20 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 003B20 by changing the saturation by 10% instead.

 003B20

 003B20

 F2FFFF

 00250A

 366B4C

 000700

 4F8464

 000000

 689F7D

 83BA97

 9DD6B2

 B9F2CD

 D5FFEA

 003B20

■ 063B23

■ 0C3B25

■ 123B28

■ 183B2B

■ 1D3B2D

■ 233B30

■ 293B33

■ 2F3B36

■ 353B38

Harmonies

Analogous

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



25380E



003B20



003C35

Triad

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



003B20



07345C



56231C

Complementary

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



003B20



3B001B

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.



571F30



003B20



372B54

Square

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



003B20



003958



4E2344



4B2B0B

Rectangle

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



003B20



003C43



4E2344



572122

Sweetspot

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



003B20



364D42



1C3B00



182620



A6A6A6



262626

Same Dimension

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



003B20



004D29



00393B



1C1F1D



005E33



00DE78

Inverse Universe

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



3B001B



4D0023



3B0200



1F1C1D



5E002B



DE0066

Previews

White Background



This preview shows how the Hex color 003B20 looks on a white background.

Color Contrast Check

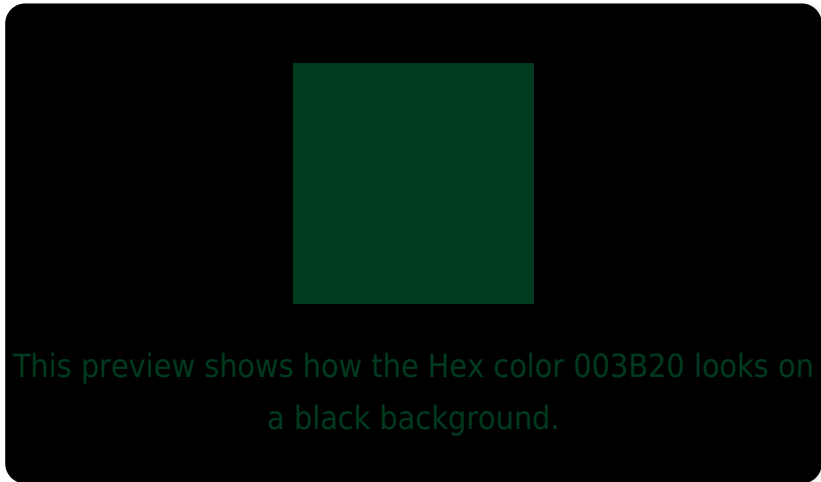
Large Text (above 18pt) WCAG AA ✓ Pass

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

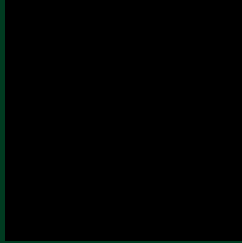
Any Text WCAG AA × Fail

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 003B20 Background



This preview shows how black text looks on a background with the Hex color 003B20.



This preview shows how white text looks on a background with the Hex color 003B20.

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](#).

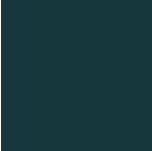
Dichromacy



Original Color
003B20

Protanopia
38331D

Deuteranopia
3D3122



Tritanopia
16383C

Trichromacy



Original Color
003B20

Protanomaly
24361E

Deuteranomaly
273521

Tritanomaly
0E3932

Monochromacy



Original Color
003B20

Achromatopsia
262626

Achromatomaly
182E24

CSS Examples

Text

The CSS property to change the color of the text to Hex 003B20 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 #003B20 looks like.

```
.text, #text, p{  
    color:#003B20  
}
```

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 #003B20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003B20
}
```

Border

The CSS property to change the border of an element to Hex 003B20 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
#003B20 }
```

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

```
.border{ border-color:#003B20 }
```

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

Here you see how a box with a 4 pixel #003B20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003B20; -webkit-box-shadow:4px 4px  
4px 4px #003B20; box-shadow:4px 4px 4px  
4px #003B20 }
```

Background

The CSS property to change the background color of an element to Hex 003B20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003B20 }
```

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

```
.background{ background-color:#003B20 }
```

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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