

Converting Colors

Hex(003E20)

Have a look what the booklet for
Hex(003E20) contains.

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Color

Hex(003E20)

Conversions

Conversions Part 1

Format	Color
Hex	003E20
RGB	0, 62, 32
RGB Percent	0%, 24%, 13%
CMY	1.0000, 0.7569, 0.8745
CMYK	1.00, 0.00, 0.48, 0.76
HSL	151°, 100%, 12%
HSV	151°, 100%, 24%
XYZ	1.9833, 3.5495, 1.9471
YIQ	40.0420, -27.3220, -22.4740

Conversions

Conversions Part 2

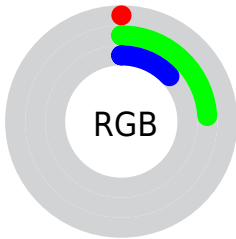
Format	Color
RYB	0, 41, 62
Decimal	15904
CIELab	22.12, -26.67, 13.43
CIELCh	22, 29.857, 153.273
Yxy	3.5495, 0.2652, 0.4745
Android (android.graphics.Color)	4278205984 (0xFF003E20)
YUV	40.0420, -3.9647, -35.1168
Hunter-Lab	18.8402, -14.1794, 7.0606

Details

The Hex color **003E20** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3E001E**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **376E4C**, and **000E00** is the 20% darker color. If you saturate the color by 10%, you get **003E20**, and if you desaturate by 10%, it is **063E23**.

Distribution



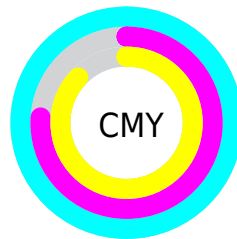
- Red (0%)
- Green (24%)
- Blue (13%)



- Red (0%)
- Yellow (16%)
- Blue (24%)



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (76%)



- Cyan (100%)
- Magenta (76%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003E20 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 003E20 by changing the saturation by 10% instead.

 003E20

 003E20

 F3FFFF

 00280A

 376E4C

 000E00

 508864

 000000

 6AA27E

 84BE97

 9FDAB2

 BBF6CE

 D7FFEA

 003E20

■ 063E23

■ 0C3E26

■ 133E29

■ 193E2C

■ 1F3E2F

■ 253E32

■ 2B3E35

■ 323E38

■ 383E3B

Harmonies

Analogous

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



273B0D



003E20



003F37

Triad

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



003E20



003761



5B241E

Complementary

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



003E20



3E001E

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.



5C2033



003E20



382E5A

Square

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



003E20



003C5C



522449



502C0C

Rectangle

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



003E20



003F46



522449



5D2125

Sweetspot

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



003E20



395246



1F3E00



1A2922



A8A8A8



292929

Same Dimension

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



003E20



00522A



003E3E



1C1F1D



005E31



00DE73

Inverse Universe

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



3E001E



520027



3E0000



1F1C1D



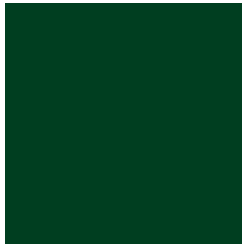
5E002E



DE006B

Previews

White Background



This preview shows how the Hex color 003E20 looks on a white background.

Color Contrast Check

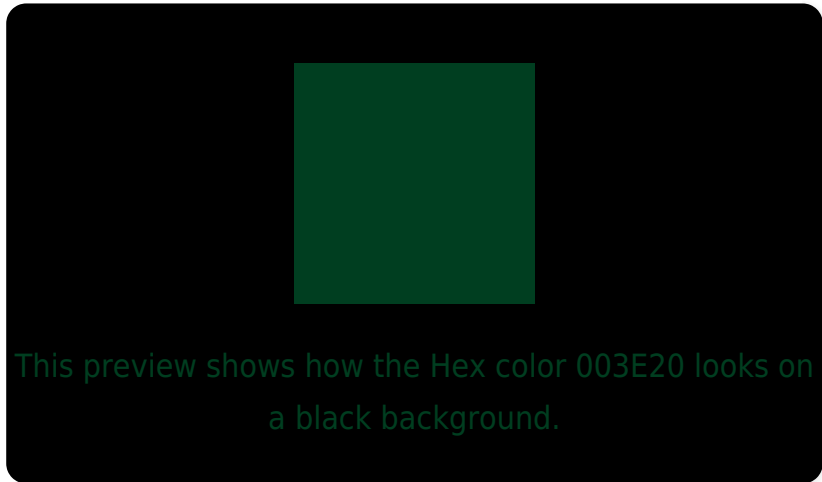
Large Text (above 18pt) WCAG AA ✓ Pass

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 003E20 Background



This preview shows how black text looks on a background with the Hex color 003E20.



This preview shows how white text looks on a background with the Hex color 003E20.

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
003E20

Protanopia
3B361D

Deuteranopia
403323



Tritanopia
183B3F

Trichromacy



Original Color
003E20

Protanomaly
26391E

Deuteranomaly
293722

Tritanomaly
0F3C34

Monochromacy



Original Color
003E20

Achromatopsia
282828

Achromatomaly
193025

CSS Examples

Text

The CSS property to change the color of the text to Hex 003E20 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 #003E20 looks like.

```
.text, #text, p{  
    color:#003E20  
}
```

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 #003E20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003E20
}
```

Border

The CSS property to change the border of an element to Hex 003E20 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
#003E20 }
```

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

```
.border{ border-color:#003E20 }
```

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

Here you see how a box with a 4 pixel #003E20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003E20; -webkit-box-shadow:4px 4px  
4px 4px #003E20; box-shadow:4px 4px 4px  
4px #003E20 }
```

Background

The CSS property to change the background color of an element to Hex 003E20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003E20 }
```

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

```
.background{ background-color:#003E20 }
```

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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