

Converting Colors

Hex(003D21)

Have a look what the booklet for
Hex(003D21) contains.

Hex(003D21)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(003D21)

Conversions

Conversions Part 1

Format	Color
Hex	003D21
RGB	0, 61, 33
RGB Percent	0%, 24%, 13%
CMY	1.0000, 0.7608, 0.8706
CMYK	1.00, 0.00, 0.46, 0.76
HSL	152°, 100%, 12%
HSV	152°, 100%, 24%
XYZ	1.9433, 3.4473, 2.0018
YIQ	39.5690, -27.3680, -21.6400

Conversions

Conversions Part 2

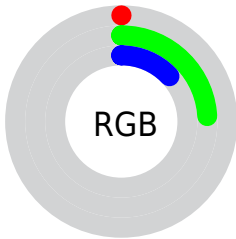
Format	Color
RYB	0, 40, 61
Decimal	15649
CIELab	21.75, -26.01, 12.31
CIELCh	22, 28.772, 154.679
Yxy	3.4473, 0.2629, 0.4663
Android (android.graphics.Color)	4278205729 (0xFF003D21)
YUV	39.5690, -3.2385, -34.7020
Hunter-Lab	18.5669, -13.8098, 6.6044

Details

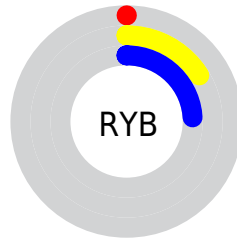
The Hex color **003D21** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3D001C**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **376D4D**, and **000C00** is the 20% darker color. If you saturate the color by 10%, you get **003D21**, and if you desaturate by 10%, it is **063D24**.

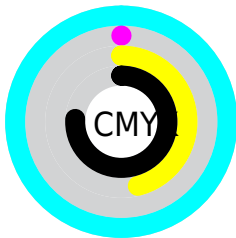
Distribution



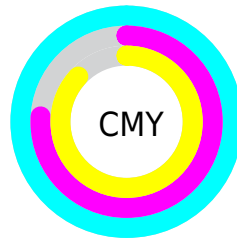
- Red (0%)
- Green (24%)
- Blue (13%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (76%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 003D21 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 003D21 by changing the saturation by 10% instead.

 003D21

 003D21

 F3FFFF

 00270B

 376D4D

 000C00

 508766

 000000

 69A17F

 84BC99

 9ED8B3

 BAF5CF

 D6FFE8

 003D21

■ 063D24

■ 0C3D27

■ 123D29

■ 183D2C

■ 1F3D2F

■ 253D32

■ 2B3D35

■ 313D37

■ 373D3A

Harmonies

Analogous

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



263A0E



003D21



003E37

Triad

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



003D21



06355F



58241D

Complementary

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



003D21



3D001C

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.



5A2032



003D21



392D57

Square

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



003D21



003B5A



502447



4D2C0C

Rectangle

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



003D21



003E45



502447



5A2224

Sweetspot

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



003D21



374F44



1C3D00



1A2922



A8A8A8



292929

Same Dimension

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



003D21



004F2B



003B3D



1C1F1D



005E33



00DE78

Inverse Universe

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



3D001C



4F0024



3D0200



1F1C1D



5E002B



DE0066

Previews

White Background



This preview shows how the Hex color 003D21 looks on a white background.

Color Contrast Check

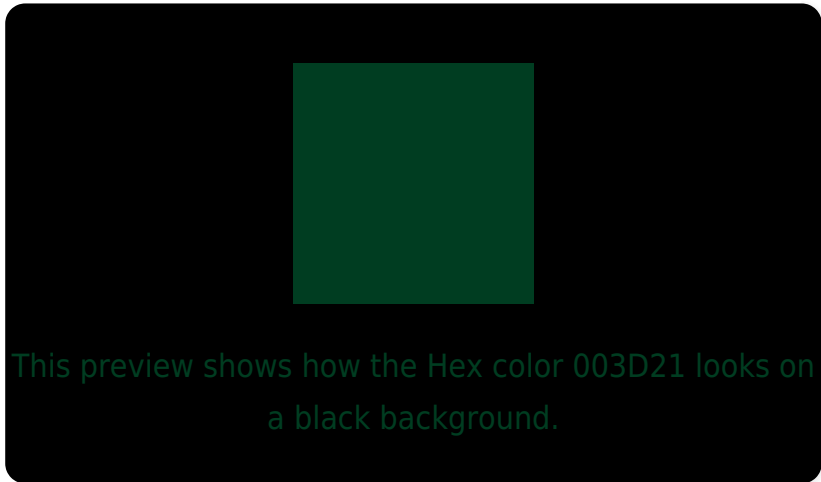
Large Text (above 18pt) WCAG AA ✓ Pass

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

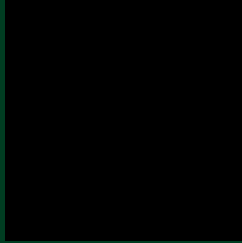
Any Text WCAG AA × Fail

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 003D21 Background



This preview shows how black text looks on a background with the Hex color 003D21.



This preview shows how white text looks on a background with the Hex color 003D21.

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
003D21

Protanopia
3A351E

Deuteranopia
3F3224



Tritanopia
173A3E

Trichromacy



Original Color
003D21

Protanomaly
25381F

Deuteranomaly
283623

Tritanomaly
0F3B33

Monochromacy



Original Color
003D21

Achromatopsia
282828

Achromatomaly
193025

CSS Examples

Text

The CSS property to change the color of the text to Hex 003D21 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 #003D21 looks like.

```
.text, #text, p{  
    color:#003D21  
}
```

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 #003D21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003D21
}
```

Border

The CSS property to change the border of an element to Hex 003D21 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
#003D21 }
```

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

```
.border{ border-color:#003D21 }
```

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

Here you see how a box with a 4 pixel #003D21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003D21; -webkit-box-shadow:4px 4px  
4px 4px #003D21; box-shadow:4px 4px 4px  
4px #003D21 }
```

Background

The CSS property to change the background color of an element to Hex 003D21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003D21 }
```

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

```
.background{ background-color:#003D21 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor