

Converting Colors

Hex(003E35)

Have a look what the booklet for
Hex(003E35) contains.

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Color

Hex(003E35)

Conversions

Conversions Part 1

Format	Color
Hex	003E35
RGB	0, 62, 53
RGB Percent	0%, 24%, 21%
CMY	1.0000, 0.7569, 0.7922
CMYK	1.00, 0.00, 0.15, 0.76
HSL	171°, 100%, 12%
HSV	171°, 100%, 24%
XYZ	2.3652, 3.7023, 3.9581
YIQ	42.4360, -34.0630, -15.9430

Conversions

Conversions Part 2

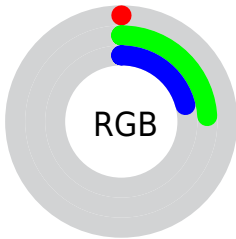
Format	Color
RYB	0, 33, 62
Decimal	15925
CIELab	22.66, -20.67, 0.41
CIELCh	23, 20.673, 178.877
Yxy	3.7023, 0.2359, 0.3693
Android (android.graphics.Color)	4278206005 (0xFF003E35)
YUV	42.4360, 5.2081, -37.2164
Hunter-Lab	19.2413, -11.7303, 1.2725

Details

The Hex color **003E35** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3E0009**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **396E63**, and **001108** is the 20% darker color. If you saturate the color by 10%, you get **003E35**, and if you desaturate by 10%, it is **063E36**.

Distribution



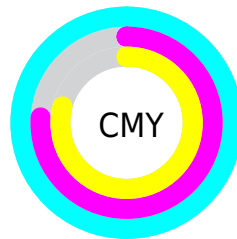
- Red (0%)
- Green (24%)
- Blue (21%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (76%)



- Cyan (100%)
- Magenta (76%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003E35 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 003E35 by changing the saturation by 10% instead.

 003E35

 003E35

 F5FFFF

 002820

 396E63

 001108

 52887C

 000000

 6BA296

 86BDB1

 A1D9CC

 BCF6E8

 D8FFFF

 003E35

■ 063E36

■ 0C3E37

■ 133E38

■ 193E39

■ 1F3E3A

■ 253E3A

■ 2B3E3B

■ 323E3C

■ 383E3D

Harmonies

Analogous

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



1D3D26



003E35



003E44

Triad

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



003E35



373251



4C301C

Complementary

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



003E35



3E0009

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.



532B28



003E35



492D46

Square

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



003E35



1B3855



522A37



403517

Rectangle

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



003E35



003D4D



522A37



4F2E20

Sweetspot

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



003E35



39524E



093E00



1A2927



A8A8A8



292929

Same Dimension

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



003E35



005246



00283E



1C1F1E



005E51



00DEBE

Inverse Universe

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



3E0009



52000C



3E1600



1F1C1C



5E000E



DE0020

Previews

White Background



This preview shows how the Hex color 003E35 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

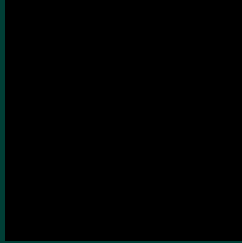
Any Text WCAG AA × Fail

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 003E35 Background



This preview shows how black text looks on a background with the Hex color 003E35.



This preview shows how white text looks on a background with the Hex color 003E35.

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
003E35

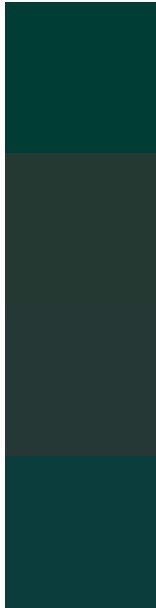
Protanopia
393631

Deuteranopia
3C3537



Tritanopia
113C41

Trichromacy



Original Color
003E35

Protanomaly
243932

Deuteranomaly
263836

Tritanomaly
0B3D3D

Monochromacy



Original Color
003E35

Achromatopsia
2A2A2A

Achromatomaly
1B312E

CSS Examples

Text

The CSS property to change the color of the text to Hex 003E35 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 #003E35 looks like.

```
.text, #text, p{  
    color:#003E35  
}
```

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 #003E35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003E35
}
```

Border

The CSS property to change the border of an element to Hex 003E35 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
#003E35 }
```

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

```
.border{ border-color:#003E35 }
```

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

Here you see how a box with a 4 pixel #003E35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003E35; -webkit-box-shadow:4px 4px  
4px 4px #003E35; box-shadow:4px 4px 4px  
4px #003E35 }
```

Background

The CSS property to change the background color of an element to Hex 003E35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003E35 }
```

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

```
.background{ background-color:#003E35 }
```

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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