

Converting Colors

Hex(003E23)

Have a look what the booklet for
Hex(003E23) contains.

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Color

Hex(003E23)

Conversions

Conversions Part 1

Format	Color
Hex	003E23
RGB	0, 62, 35
RGB Percent	0%, 24%, 14%
CMY	1.0000, 0.7569, 0.8627
CMYK	1.00, 0.00, 0.44, 0.76
HSL	154°, 100%, 12%
HSV	154°, 100%, 24%
XYZ	2.0260, 3.5666, 2.1717
YIQ	40.3840, -28.2850, -21.5410

Conversions

Conversions Part 2

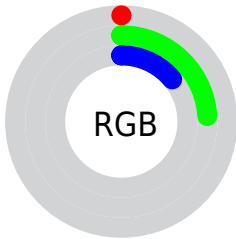
Format	Color
RYB	0, 40, 62
Decimal	15907
CIELab	22.18, -25.95, 11.59
CIElCh	22, 28.422, 155.925
Yxy	3.5666, 0.2609, 0.4594
Android (android.graphics.Color)	4278205987 (0xFF003E23)
YUV	40.3840, -2.6543, -35.4168
Hunter-Lab	18.8854, -13.9003, 6.4017

Details

The Hex color **003E23** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3E001B**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **376E50**, and **000E00** is the 20% darker color. If you saturate the color by 10%, you get **003E23**, and if you desaturate by 10%, it is **063E26**.

Distribution



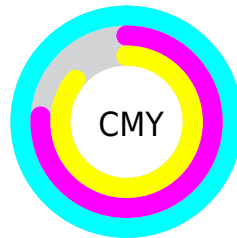
- Red (0%)
- Green (24%)
- Blue (14%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (76%)



- Cyan (100%)
- Magenta (76%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003E23 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 003E23 by changing the saturation by 10% instead.

 003E23

 003E23

 F3FFFF

 00280E

 376E50

 000E00

 508868

 000000

 6AA281

 84BE9B

 9FDAB6

 BAF6D1

 D7FFEE

 003E23

■ 063E26

■ 0C3E28

■ 133E2B

■ 193E2E

■ 1F3E31

■ 253E33

■ 2B3E36

■ 323E39

■ 383E3B

Harmonies

Analogous

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



263B10



003E23



003F39

Triad

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



003E23



0E365F



59251D

Complementary

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



003E23



3E001B

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.



5B2132



003E23



3B2E57

Square

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



003E23



003C5B



522547



4E2E0D

Rectangle

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



003E23



003F47



522547



5B2324

Sweetspot

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



003E23



395247



1C3E00



1A2922



A8A8A8



292929

Same Dimension

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



003E23



00522E



003B3E



1C1F1D



005E35



00DE7D

Inverse Universe

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



3E001B



520024



3E0300



1F1C1D



5E0029



DE0061

Previews

White Background



This preview shows how the Hex color 003E23 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

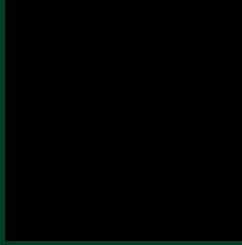
Any Text WCAG AA × Fail

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 003E23 Background



This preview shows how black text looks on a background with the Hex color 003E23.



This preview shows how white text looks on a background with the Hex color 003E23.

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
003E23

Protanopia
3B3620

Deuteranopia
403326



Tritanopia
173B3F

Trichromacy



Original Color
003E23

Protanomaly
263921

Deuteranomaly
293725

Tritanomaly
0F3C35

Monochromacy



Original Color
003E23

Achromatopsia
282828

Achromatomaly
193026

CSS Examples

Text

The CSS property to change the color of the text to Hex 003E23 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 #003E23 looks like.

```
.text, #text, p{  
    color:#003E23  
}
```

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 #003E23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003E23  
}
```

Border

The CSS property to change the border of an element to Hex 003E23 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  
#003E23 }
```

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

```
.border{ border-color:#003E23 }
```

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

Here you see how a box with a 4 pixel #003E23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003E23; -webkit-box-shadow:4px 4px  
4px 4px #003E23; box-shadow:4px 4px 4px  
4px #003E23 }
```

Background

The CSS property to change the background color of an element to Hex 003E23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003E23 }
```

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

```
.background{ background-color:#003E23 }
```

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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