

Converting Colors

Decimal(17203)

Have a look what the booklet for
Decimal(17203) contains.

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Color

Decimal(17203)

Conversions

Conversions Part 1

Format	Color
Hex	004333
RGB	0, 67, 51
RGB Percent	0%, 26%, 20%
CMY	1.0000, 0.7373, 0.8000
CMYK	1.00, 0.00, 0.24, 0.74
HSL	166°, 100%, 13%
HSV	166°, 100%, 26%
XYZ	2.6047, 4.2533, 3.8157
YIQ	45.1430, -34.7960, -19.1800

Conversions

Conversions Part 2

Format	Color
RYB	0, 38, 67
Decimal	17203
CIELab	24.49, -23.79, 4.37
CIELCh	24, 24.186, 169.602
Yxy	4.2533, 0.2440, 0.3985
Android (android.graphics.Color)	4278207283 (0xFF004333)
YUV	45.1430, 2.8875, -39.5904
Hunter-Lab	20.6236, -13.5473, 3.4670

Details

The Decimal color **17203** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4390928**, and the grayscale version is **2960685**.

A 20% lighter version of the original color is **3830881**, and **6405** is the 20% darker color. If you saturate the color by 10%, you get **17203**, and if you desaturate by 10%, it is **475957**.

Distribution



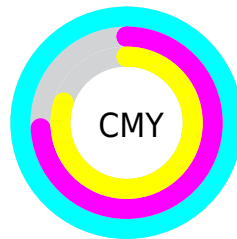
- Red (0%)
- Green (26%)
- Blue (20%)



- Red (0%)
- Yellow (15%)
- Blue (26%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (74%)



- Cyan (100%)
- Magenta (74%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 17203 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 Decimal color 17203 by changing the saturation by 10% instead.



17203



17203



16318463



11294



3830881



6405



5475706



0



7186580



8897454



10739658



12516582



14417919



17203

■ 475957

■ 869174

■ 1327928

■ 1786681

■ 2245435

■ 2638653

■ 3097406

■ 3556160

■ 3949377

Harmonies

Analogous

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



2375970



17203



17222

Triad

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



17203



3225692



5713951

Complementary

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



17203



4390928

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.



6040367



17203



4862290

Square

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



17203



81502



5843777



4863766

Rectangle

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



17203



17233



5843777



5910052

Sweetspot

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



17203



4020048



1131264



1846056



11250603



2829099

Same Dimension

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



17203



22338



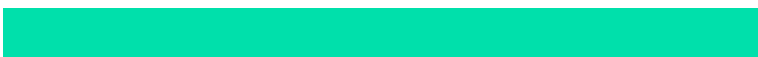
12867



1974560



24906



57515

Inverse Universe

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



4390928



5701653



4395264



2170399



6357015



14680118

Previews

White Background



This preview shows how the Decimal color 17203 looks on a white background.

Color Contrast Check

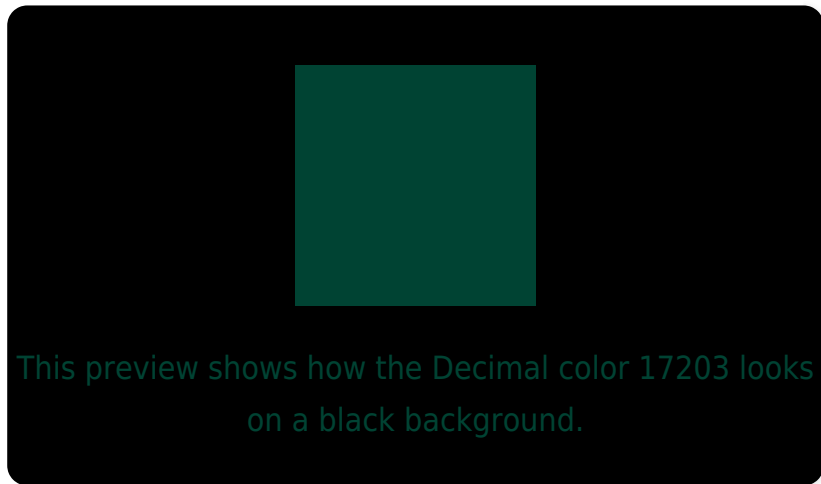
Large Text (above 18pt) WCAG AA ✓ Pass

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

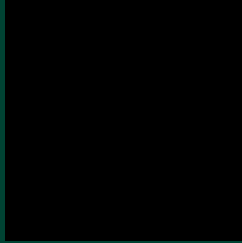
Any Text WCAG AA × Fail

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](#).

Decimal 17203 Background



This preview shows how black text looks on a background with the Decimal color 17203.



This preview shows how white text looks on a background with the Decimal color 17203.

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](#).

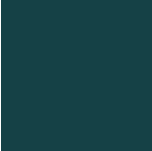
Dichromacy



Original Color
17203

Protanopia
4078383

Deuteranopia
4340021



Tritanopia
1392966

Trichromacy



Original Color
17203

Protanomaly
2571824

Deuteranomaly
2768180

Tritanomaly
868927

Monochromacy



Original Color
17203

Achromatopsia
2960685

Achromatomaly
1914159

CSS Examples

Text

The CSS property to change the color of the text to Decimal 17203 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 #004333 looks like.

```
.text, #text, p{  
    color:#004333  
}
```

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 #004333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004333
}
```

Border

The CSS property to change the border of an element to Decimal 17203 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
#004333 }
```

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

```
.border{ border-color:#004333 }
```

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

Here you see how a box with a 4 pixel #004333 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004333; -webkit-box-shadow:4px 4px  
4px 4px #004333; box-shadow:4px 4px 4px  
4px #004333 }
```

Background

The CSS property to change the background color of an element to Decimal 17203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004333 }
```

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

```
.background{ background-color:#004333 }
```

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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