

Converting Colors

Decimal(17156)

Have a look what the booklet for
Decimal(17156) contains.

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Color

Decimal(17156)

Conversions

Conversions Part 1

Format	Color
Hex	004304
RGB	0, 67, 4
RGB Percent	0%, 26%, 2%
CMY	1.0000, 0.7373, 0.9843
CMYK	1.00, 0.00, 0.94, 0.74
HSL	124°, 100%, 13%
HSV	124°, 100%, 26%
XYZ	2.0291, 4.0231, 0.7845
YIQ	39.7850, -19.7090, -33.7970

Conversions

Conversions Part 2

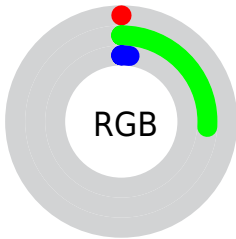
Format	Color
RYB	0, 63, 67
Decimal	17156
CIELab	23.75, -32.62, 29.72
CIElCh	24, 44.132, 137.661
Yxy	4.0231, 0.2968, 0.5885
Android (android.graphics.Color)	4278207236 (0xFF004304)
YUV	39.7850, -17.6420, -34.8914
Hunter-Lab	20.0576, -17.0434, 11.7215

Details

The Decimal color **17156** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4390975**, and the grayscale version is **2631720**.

A 20% lighter version of the original color is **3896371**, and **5632** is the 20% darker color. If you saturate the color by 10%, you get **17156**, and if you desaturate by 10%, it is **475914**.

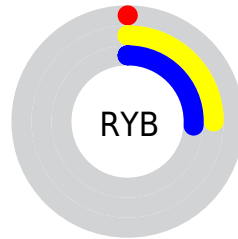
Distribution



Red (0%)

Green (26%)

Blue (2%)



Red (0%)

Yellow (25%)

Blue (26%)

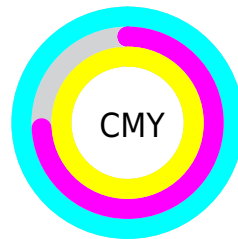


Cyan (100%)

Magenta (0%)

Yellow (94%)

Black (74%)



Cyan (100%)

Magenta (74%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 17156 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 17156 by changing the saturation by 10% instead.

 17156  17156

 16449514  11264

 3896371  5632

 5606987  0

 7317860

 9028733

 10805399

 12647858

 14548942

 17156

■ 475914

■ 869137

■ 1327895

■ 1786653

■ 2245412

■ 2638634

■ 3097392

■ 3556150

■ 3949373

Harmonies

Analogous

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



3489024



17156



17961

Triad

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



17156



16762



7409447

Complementary

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



17156



4390975

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.



7082312



17156



407160

Square

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



17156



18025



5317990



6758917

Rectangle

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



17156



18240



5317990



7408690

Sweetspot

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



17156



4020030



4211456



1846045



11250603



2829099

Same Dimension

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



17156



22277



17189



1974558



24838



57357

Inverse Universe

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



4390975



5701714



4390942



2170401



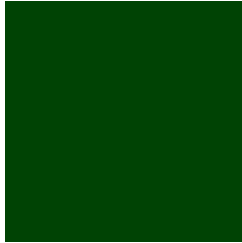
6357083



14680275

Previews

White Background



This preview shows how the Decimal color 17156 looks on a white background.

Color Contrast Check

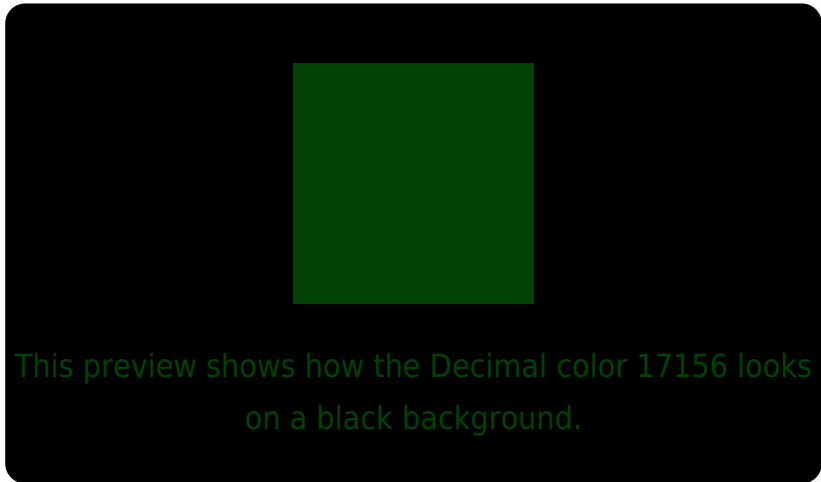
Large Text (above 18pt) WCAG AA ✓ Pass

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

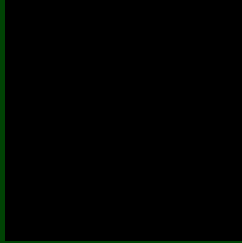
Any Text WCAG AA × Fail

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 17156 Background



This preview shows how black text looks on a background with the Decimal color 17156.



This preview shows how white text looks on a background with the Decimal color 17156.

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
17156

Protanopia
4274432

Deuteranopia
4732431



Tritanopia
1850947

Trichromacy



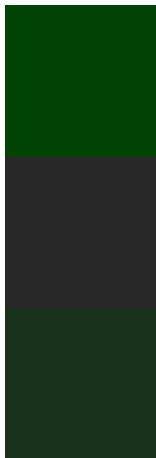
Original Color
17156

Protanomaly
2702593

Deuteranomaly
3029771

Tritanomaly
1196076

Monochromacy



Original Color
17156

Achromatopsia
2631720

Achromatomaly
1651227

CSS Examples

Text

The CSS property to change the color of the text to Decimal 17156 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 #004304 looks like.

```
.text, #text, p{  
    color:#004304  
}
```

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 #004304 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004304
}
```

Border

The CSS property to change the border of an element to Decimal 17156 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
#004304 }
```

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

```
.border{ border-color:#004304 }
```

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

Here you see how a box with a 4 pixel #004304 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004304; -webkit-box-shadow:4px 4px  
4px 4px #004304; box-shadow:4px 4px 4px  
4px #004304 }
```

Background

The CSS property to change the background color of an element to Decimal 17156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004304 }
```

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

```
.background{ background-color:#004304 }
```

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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