

Converting Colors

Decimal(20016)

Have a look what the booklet for
Decimal(20016) contains.

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Color

Decimal(20016)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 004E30 |
| RGB | 0, 78, 48 |
| RGB Percent | 0%, 31%, 19% |
| CMY | 1.0000, 0.6941, 0.8118 |
| CMYK | 1.00, 0.00, 0.38, 0.69 |
| HSL | 157°, 100%, 15% |
| HSV | 157°, 100%, 31% |
| XYZ | 3.2579, 5.6622, 3.7175 |
| YIQ | 51.2580, -36.8580, -25.8660 |

Conversions

Conversions Part 2

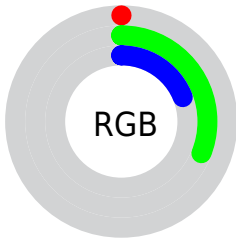
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 48, 78 |
| Decimal | 20016 |
| CIELab | 28.54, -29.58, 11.92 |
| CIELCh | 29, 31.890, 158.057 |
| Yxy | 5.6622, 0.2578, 0.4480 |
| Android (android.graphics.Color) | 4278210096 (0xFF004E30) |
| YUV | 51.2580, -1.6062, -44.9533 |
| Hunter-Lab | 23.7953, -17.2029, 7.3940 |

Details

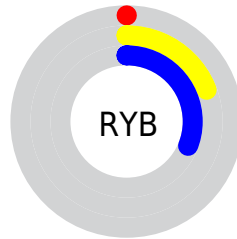
The Decimal color **20016** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5111838**, and the grayscale version is **3355443**.

A 20% lighter version of the original color is **4030558**, and **8705** is the 20% darker color. If you saturate the color by 10%, you get **20016**, and if you desaturate by 10%, it is **544307**.

Distribution



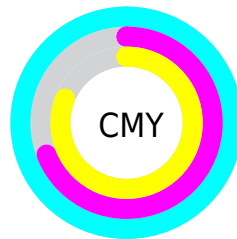
- Red (0%)
- Green (31%)
- Blue (19%)



- Red (0%)
- Yellow (19%)
- Blue (31%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 20016 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 20016 by changing the saturation by 10% instead.

■ 20016 ■ 20016

■ 16646143 ■ 14107

■ 4030558 ■ 8705

■ 5741175 ■ 0

■ 7517585

■ 9228715

■ 11070919

■ 12910563

■ 14745599

■ 20016

■ 544307

■ 1068598

■ 1527353

■ 2051644

■ 2575935

■ 3100226

■ 3624517

■ 4083272

■ 4607563

Harmonies

Analogous

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



3164698



20016



20297

Triad

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



20016



2049140



7156262

Complementary

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



20016



5111838

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.



7351614



20016



5061226

Square

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



20016



19313



6697046



6241044

Rectangle

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



20016



20314



6697046



7286574

Sweetspot

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



20016



4679258



2051584



2175788



11776947



3355443

Same Dimension

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



20016



26175



17998



2237989



59021

Inverse Universe

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



5111838



6684711



5113856



2499108



15073368

Previews

White Background



This preview shows how the Decimal color 20016 looks on a white background.

Color Contrast Check

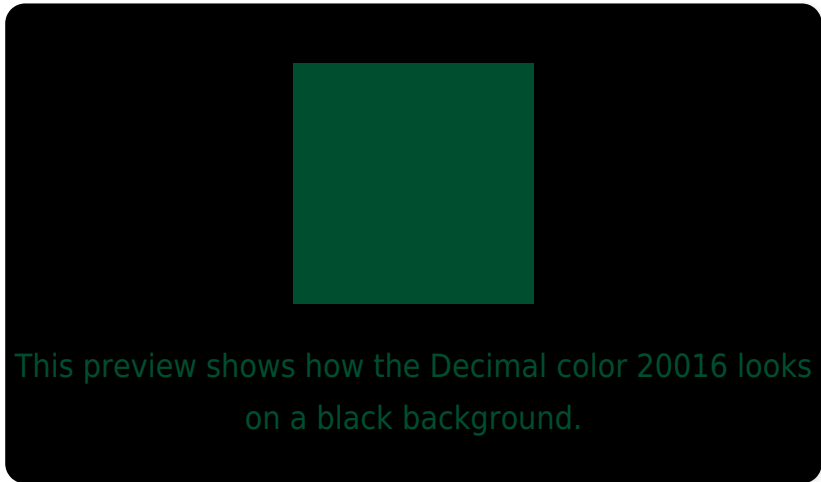
Large Text (above 18pt) WCAG AA ✓ Pass

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

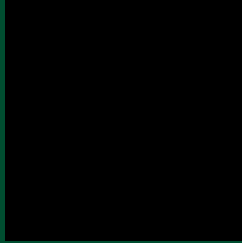
Any Text WCAG AA × Fail

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 20016 Background



This preview shows how black text looks on a background with the Decimal color 20016.



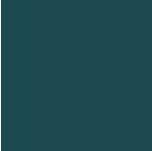
This preview shows how white text looks on a background with the Decimal color 20016.

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





Tritanopia
1854032

Trichromacy



Original Color
20016

Protanomaly
3098669

Deuteranomaly
3360306

Tritanomaly
1198916

Monochromacy



Original Color
20016

Achromatopsia
3355443

Achromatomaly
2112818

CSS Examples

Text

The CSS property to change the color of the text to Decimal 20016 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 #004E30 looks like.

```
.text, #text, p{  
    color:#004E30  
}
```

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 #004E30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004E30
}
```

Border

The CSS property to change the border of an element to Decimal 20016 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
#004E30 }
```

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

```
.border{ border-color:#004E30 }
```

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

Here you see how a box with a 4 pixel #004E30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004E30; -webkit-box-shadow:4px 4px  
4px 4px #004E30; box-shadow:4px 4px 4px  
4px #004E30 }
```

Background

The CSS property to change the background color of an element to Decimal 20016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004E30 }
```

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

```
.background{ background-color:#004E30 }
```

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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