

Converting Colors

Decimal(21826)

Have a look what the booklet for
Decimal(21826) contains.

Decimal(21826)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(21826)

Conversions

Conversions Part 1

Format	Color
Hex	005542
RGB	0, 85, 66
RGB Percent	0%, 33%, 26%
CMY	1.0000, 0.6667, 0.7412
CMYK	1.00, 0.00, 0.22, 0.67
HSL	167°, 100%, 17%
HSV	167°, 100%, 33%
XYZ	4.2319, 6.8903, 6.2612
YIQ	57.4190, -44.5610, -23.9290

Conversions

Conversions Part 2

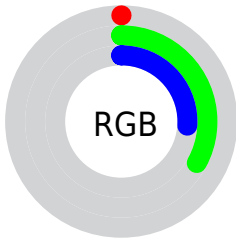
Format	Color
RYB	0, 48, 85
Decimal	21826
CIELab	31.56, -27.77, 4.80
CIELCh	32, 28.179, 170.199
Yxy	6.8903, 0.2434, 0.3964
Android (android.graphics.Color)	4278211906 (0xFF005542)
YUV	57.4190, 4.2304, -50.3565
Hunter-Lab	26.2495, -17.1593, 4.2324

Details

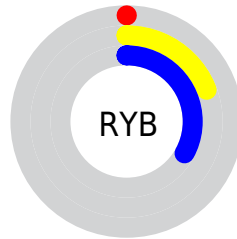
The Decimal color **21826** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5570579**, and the grayscale version is **3750201**.

A 20% lighter version of the original color is **4294514**, and **10007** is the 20% darker color. If you saturate the color by 10%, you get **21826**, and if you desaturate by 10%, it is **546116**.

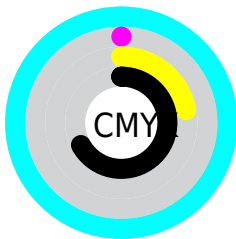
Distribution



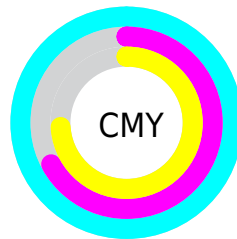
- Red (0%)
- Green (33%)
- Blue (26%)



- Red (0%)
- Yellow (19%)
- Blue (33%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (67%)



- Cyan (100%)
- Magenta (67%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 21826 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 21826 by changing the saturation by 10% instead.

■ 21826 ■ 21826

16777215 ■ 15660

■ 4294514 ■ 10007

■ 6005387 ■ 2816

■ 7781798 ■ 0

■ 9558465

■ 11335389

■ 13238265

■ 15073279

■ 21826

■ 546116

■ 1135942

■ 1660232

■ 2250058

■ 2774347

■ 3364173

■ 3888463

■ 4478289

■ 5002579

Harmonies

Analogous

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



3101229



21826



21849

Triad

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



21826



4212596



7159337

Complementary

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



21826



5570579

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.



7616572



21826



6176615

Square

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



21826



479094



7288914



6178590

Rectangle

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



21826



21606



7288914



7355439

Sweetspot

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



21826



5074534



1332480



2373684



12105912



3684408

Same Dimension

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



21826



28245



15957



2566954



27475



60342

Inverse Universe

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



5570579



7208985



5576448



2828072



7012376



15401012

Previews

White Background



This preview shows how the Decimal color 21826 looks on a white background.

Color Contrast Check

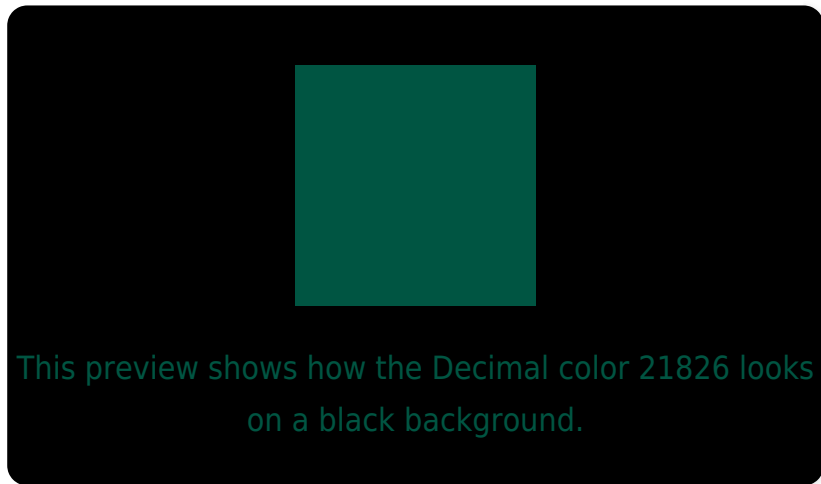
Large Text (above 18pt) WCAG AA ✓ Pass

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

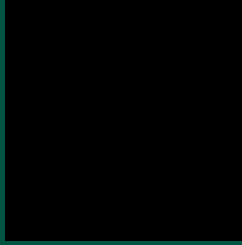
Any Text WCAG AA × Fail

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 21826 Background



This preview shows how black text looks on a background with the Decimal color 21826.



This preview shows how white text looks on a background with the Decimal color 21826.

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
21826

Protanopia
5196349

Deuteranopia
5523525



Tritanopia
1725017

Trichromacy



Original Color
21826

Protanomaly
3296831

Deuteranomaly
3493188

Tritanomaly
1135441

Monochromacy



Original Color
21826

Achromatopsia
3750201

Achromatomaly
2376508

CSS Examples

Text

The CSS property to change the color of the text to Decimal 21826 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 #005542 looks like.

```
.text, #text, p{  
    color:#005542  
}
```

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 #005542 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005542
}
```

Border

The CSS property to change the border of an element to Decimal 21826 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
#005542 }
```

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

```
.border{ border-color:#005542 }
```

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

Here you see how a box with a 4 pixel #005542 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005542; -webkit-box-shadow:4px 4px  
4px 4px #005542; box-shadow:4px 4px 4px  
4px #005542 }
```

Background

The CSS property to change the background color of an element to Decimal 21826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005542 }
```

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

```
.background{ background-color:#005542 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor