

# Converting Colors

Decimal(21825)

Have a look what the booklet for  
Decimal(21825) contains.

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# Color

**Decimal(21825)**

# Conversions

## Conversions Part 1

Format	Color
Hex	005541
RGB	0, 85, 65
RGB Percent	0%, 33%, 25%
CMY	1.0000, 0.6667, 0.7451
CMYK	1.00, 0.00, 0.24, 0.67
HSL	166°, 100%, 17%
HSV	166°, 100%, 33%
XYZ	4.2026, 6.8787, 6.1072
YIQ	57.3050, -44.2400, -24.2400

# Conversions

## Conversions Part 2

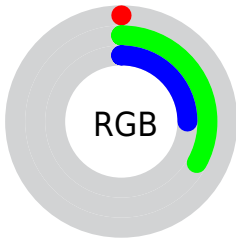
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 48, 85</a>
Decimal	<a href="#">21825</a>
CIELab	<a href="#">31.53, -28.06, 5.39</a>
CIELCh	<a href="#">32, 28.573, 169.130</a>
Yxy	<a href="#">6.8787, 0.2445, 0.4002</a>
Android (android.graphics.Color)	<a href="#">4278211905 (0xFF005541)</a>
YUV	<a href="#">57.3050, 3.7936, -50.2565</a>
Hunter-Lab	<a href="#">26.2272, -17.2948, 4.5528</a>

# Details

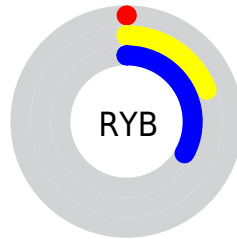
The Decimal color **21825** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5570580**, and the grayscale version is **3750201**.

A 20% lighter version of the original color is **4294513**, and **10006** is the 20% darker color. If you saturate the color by 10%, you get **21825**, and if you desaturate by 10%, it is **546115**.

# Distribution



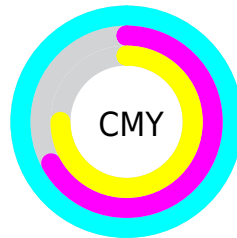
- Red (0%)
- Green (33%)
- Blue (25%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (67%)



- Cyan (100%)
- Magenta (67%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 21825 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 21825 by changing the saturation by 10% instead.





21825



21825

16777215



15659



4294513



10006



6005386



2560



7781797



0



9558464



11335387



13172728



15073279



21825

■ 546115

■ 1135941

■ 1660231

■ 2250057

■ 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.



3101228



21825



21848

# Triad

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



21825



4081524



7224873

# Complementary

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



21825



5570580

# 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.



7616573



21825



6176616

# Square

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



21825



20342



7288915



6178333

# Rectangle

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



21825



21606



7288915



7420719



# Sweetspot

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



21825



5074534



1398016



2373683



12105912



3684408



# Same Dimension

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



21825



28244



16469



2566954



27474



60339



# Inverse Universe

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



5570580



7208986



5575936



2828072



7012377



15401015



# Previews

## White Background



This preview shows how the Decimal color 21825 looks on a white background.

## Color Contrast Check

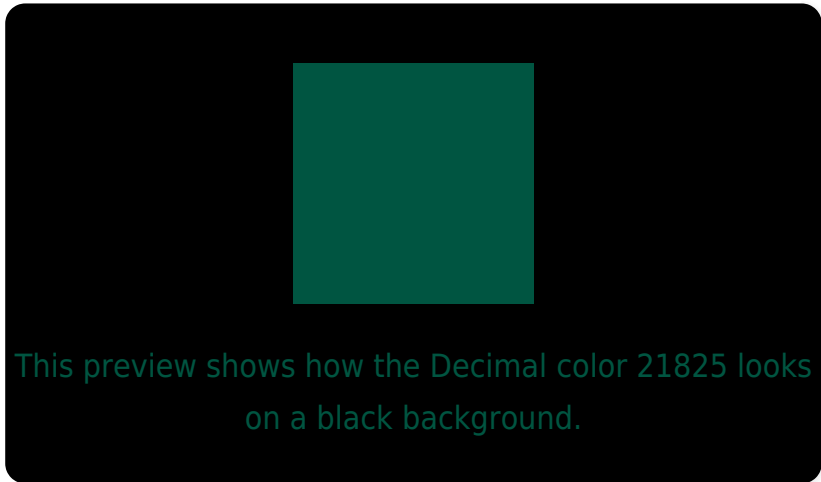
Large Text (above 18pt) WCAG AA ✓ Pass

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

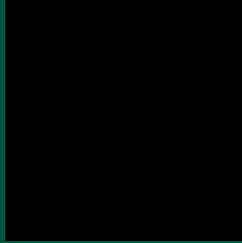
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 21825 Background



This preview shows how black text looks on a background with the Decimal color 21825.

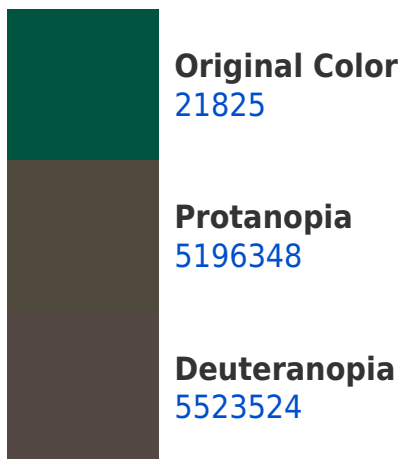


This preview shows how white text looks on a background with the Decimal color 21825.

# 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





# Trichromacy



**Original Color**  
21825

**Protanomaly**  
3296830

**Deuteranomaly**  
3493187

**Tritanomaly**  
1135440

# Monochromacy



**Original Color**  
21825

**Achromatopsia**  
3750201

**Achromatomaly**  
2376508

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 21825 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 #005541 looks like.

```
.text, #text, p{  
    color:#005541  
}
```

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 #005541 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005541
}
```

## Border

The CSS property to change the border of an element to Decimal 21825 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
#005541 }
```

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

```
.border{ border-color:#005541 }
```

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

Here you see how a box with a 4 pixel #005541 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005541; -webkit-box-shadow:4px 4px  
4px 4px #005541; box-shadow:4px 4px 4px  
4px #005541 }
```

# Background

The CSS property to change the background color of an element to Decimal 21825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005541 }
```

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

```
.background{ background-color:#005541 }
```

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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