

Converting Colors

Decimal(21561)

Have a look what the booklet for
Decimal(21561) contains.

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Color

Decimal(21561)

Conversions

Conversions Part 1

Format	Color
Hex	005439
RGB	0, 84, 57
RGB Percent	0%, 33%, 22%
CMY	1.0000, 0.6706, 0.7765
CMYK	1.00, 0.00, 0.32, 0.67
HSL	161°, 100%, 16%
HSV	161°, 100%, 33%
XYZ	3.9088, 6.6361, 4.9458
YIQ	55.8060, -41.3970, -26.2050

Conversions

Conversions Part 2

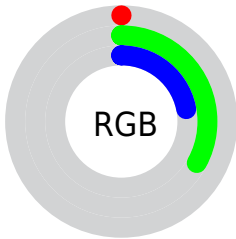
Format	Color
RYB	0, 50, 84
Decimal	21561
CIELab	30.96, -29.84, 9.61
CIELCh	31, 31.353, 162.147
Yxy	6.6361, 0.2523, 0.4284
Android (android.graphics.Color)	4278211641 (0xFF005439)
YUV	55.8060, 0.5886, -48.9419
Hunter-Lab	25.7605, -17.9958, 6.6493

Details

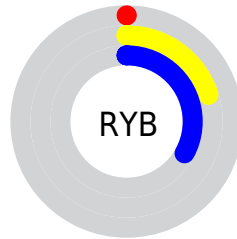
The Decimal color **21561** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5505051**, and the grayscale version is **3684408**.

A 20% lighter version of the original color is **4228712**, and **9742** is the 20% darker color. If you saturate the color by 10%, you get **21561**, and if you desaturate by 10%, it is **545852**.

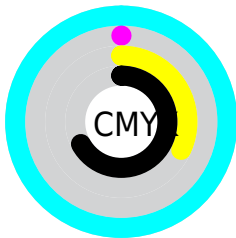
Distribution



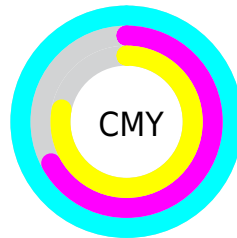
- Red (0%)
- Green (33%)
- Blue (22%)



- Red (0%)
- Yellow (20%)
- Blue (33%)



- Cyan (100%)
- Magenta (0%)
- Yellow (32%)
- Black (67%)



- Cyan (100%)
- Magenta (67%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 21561 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 21561 by changing the saturation by 10% instead.

■ 21561 ■ 21561

16777215 ■ 15395

■ 4228712 ■ 9742

■ 5939585 ■ 1792

■ 7715995 ■ 0

■ 9492662

■ 11269586

■ 13107182

■ 15007743

■ 21561

■ 545852

■ 1135678

■ 1659969

■ 2249796

■ 2774087

■ 3298377

■ 3888204

■ 4412495

■ 5002321

Harmonies

Analogous

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



3297571



21561



21842

Triad

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



21561



3098745



7420201

Complementary

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



21561



5505051

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.



7746368



21561



5717613

Square

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



21561



20599



7222872



6504985

Rectangle

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



21561



21602



7222872



7616048

Sweetspot

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



21561



5074531



1856512



2373682



12105912



3684408

Same Dimension

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



21561



28234



18004



2435367



26951



59549

Inverse Universe

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



5505051



7208995



5508608



2696486



6881314



15204427

Previews

White Background



This preview shows how the Decimal color 21561 looks on a white background.

Color Contrast Check

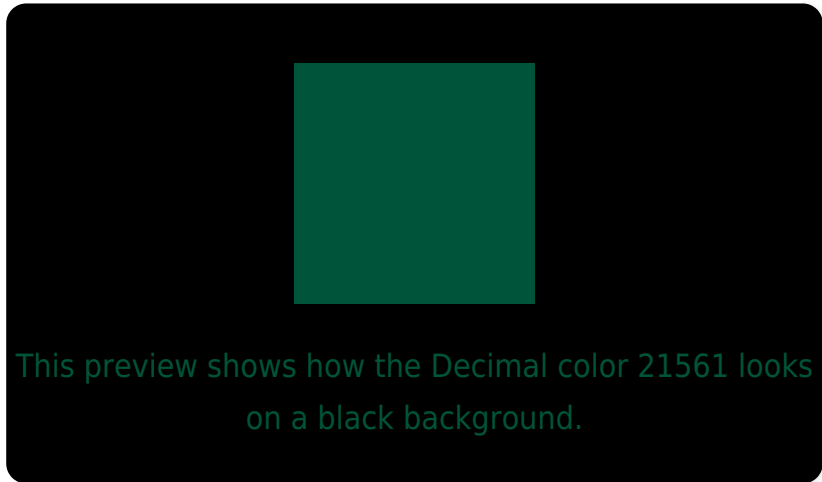
Large Text (above 18pt) WCAG AA ✓ Pass

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

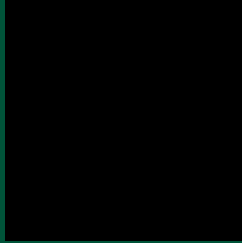
Any Text WCAG AA × Fail

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 21561 Background



This preview shows how black text looks on a background with the Decimal color 21561.

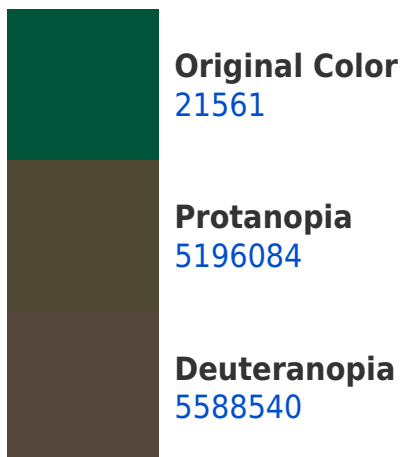


This preview shows how white text looks on a background with the Decimal color 21561.

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](#).

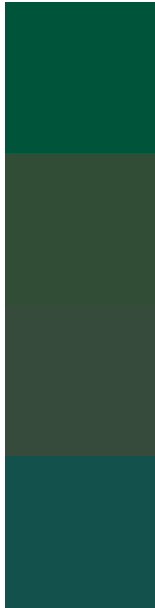
Dichromacy





Tritanopia
1921111

Trichromacy



Original Color
21561

Protanomaly
3296566

Deuteranomaly
3558203

Tritanomaly
1200460

Monochromacy



Original Color
21561

Achromatopsia
3684408

Achromatomaly
2376248

CSS Examples

Text

The CSS property to change the color of the text to Decimal 21561 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 #005439 looks like.

```
.text, #text, p{  
    color:#005439  
}
```

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 #005439 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005439
}
```

Border

The CSS property to change the border of an element to Decimal 21561 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
#005439 }
```

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

```
.border{ border-color:#005439 }
```

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

Here you see how a box with a 4 pixel #005439 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005439; -webkit-box-shadow:4px 4px  
4px 4px #005439; box-shadow:4px 4px 4px  
4px #005439 }
```

Background

The CSS property to change the background color of an element to Decimal 21561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005439 }
```

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

```
.background{ background-color:#005439 }
```

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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