

Converting Colors

Decimal(21318)

Have a look what the booklet for
Decimal(21318) contains.

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Color

Decimal(21318)

Conversions

Conversions Part 1

Format	Color
Hex	005346
RGB	0, 83, 70
RGB Percent	0%, 33%, 27%
CMY	1.0000, 0.6745, 0.7255
CMYK	1.00, 0.00, 0.16, 0.67
HSL	171°, 100%, 16%
HSV	171°, 100%, 33%
XYZ	4.1987, 6.6287, 6.8525
YIQ	56.7010, -45.2950, -21.6390

Conversions

Conversions Part 2

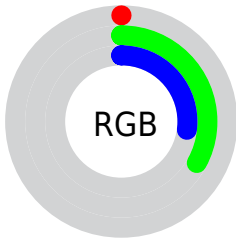
Format	Color
RYB	0, 45, 83
Decimal	21318
CIELab	30.95, -25.60, 1.39
CIElCh	31, 25.640, 176.896
Yxy	6.6287, 0.2375, 0.3749
Android (android.graphics.Color)	4278211398 (0xFF005346)
YUV	56.7010, 6.5564, -49.7268
Hunter-Lab	25.7463, -15.9459, 2.2420

Details

The Decimal color **21318** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5439501**, and the grayscale version is **3750201**.

A 20% lighter version of the original color is **4228470**, and **9499** is the 20% darker color. If you saturate the color by 10%, you get **21318**, and if you desaturate by 10%, it is **545607**.

Distribution



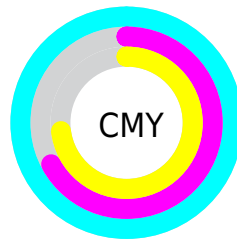
- Red (0%)
- Green (33%)
- Blue (27%)



- Red (0%)
- Yellow (18%)
- Blue (33%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (67%)


















- Cyan (100%)
- Magenta (67%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 21318 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 21318 by changing the saturation by 10% instead.

 21318	 21318
 16777215	 15152
 4228470	 9499
 6004624	 1536
 7715754	 0
 9492422	
 11334626	
 13172734	
 15073279	
 21318	

■ 545607

■ 1135433

■ 1659722

■ 2184011

■ 2708300

■ 3298126

■ 3822415

■ 4346704

■ 4936530

Harmonies

Analogous

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



2773298



21318



21338

Triad

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



21318



4670573



6701096

Complementary

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



21318



5439501

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.



7223864



21318



6307167

Square

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



21318



2247793



7157836



5719840

Rectangle

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



21318



21094



7157836



6962476

Sweetspot

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



21318



4942694



938752



2242099



11908533



3552822

Same Dimension

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



21318



27482



14163



2435368



26968



59588

Inverse Universe

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



5439501



7012369



5446656



2696485



6881296



15204388

Previews

White Background



This preview shows how the Decimal color 21318 looks on a white background.

Color Contrast Check

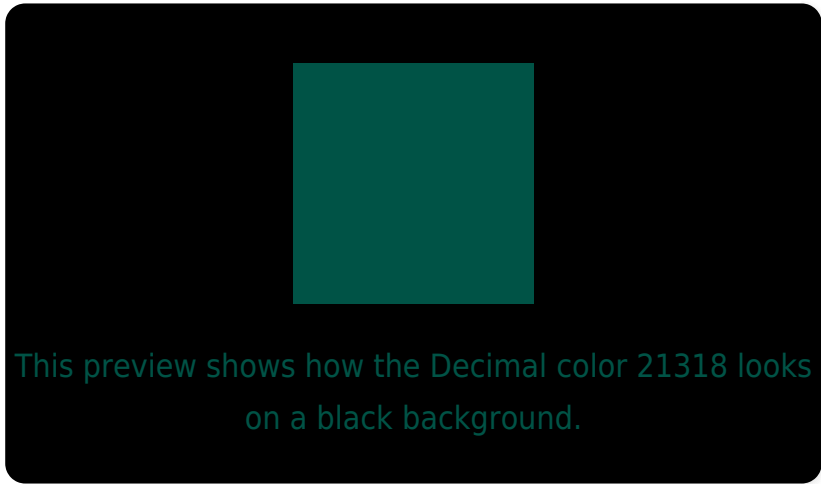
Large Text (above 18pt) WCAG AA ✓ Pass

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

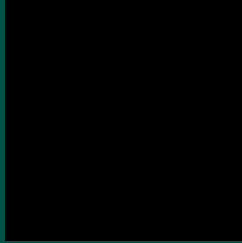
Any Text WCAG AA × Fail

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 21318 Background



This preview shows how black text looks on a background with the Decimal color 21318.



This preview shows how white text looks on a background with the Decimal color 21318.

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
21318

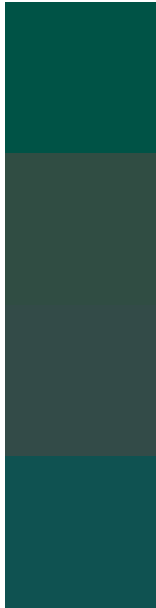
Protanopia
4999489

Deuteranopia
5261129



Tritanopia
1528151

Trichromacy



Original Color
21318

Protanomaly
3165507

Deuteranomaly
3361608

Tritanomaly
1004113

Monochromacy



Original Color
21318

Achromatopsia
3750201

Achromatomaly
2376254

CSS Examples

Text

The CSS property to change the color of the text to Decimal 21318 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 #005346 looks like.

```
.text, #text, p{  
    color:#005346  
}
```

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 #005346 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005346
}
```

Border

The CSS property to change the border of an element to Decimal 21318 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
#005346 }
```

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

```
.border{ border-color:#005346 }
```

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

Here you see how a box with a 4 pixel #005346 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005346; -webkit-box-shadow:4px 4px  
4px 4px #005346; box-shadow:4px 4px 4px  
4px #005346 }
```

Background

The CSS property to change the background color of an element to Decimal 21318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005346 }
```

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

```
.background{ background-color:#005346 }
```

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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