

Converting Colors

Decimal(4221518)

Have a look what the booklet for
Decimal(4221518) contains.

Decimal(4221518)	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(4221518)

Conversions

Conversions Part 1

Format	Color
Hex	406A4E
RGB	64, 106, 78
RGB Percent	25%, 42%, 31%
CMY	0.7490, 0.5843, 0.6941
CMYK	0.40, 0.00, 0.26, 0.58
HSL	140°, 25%, 33%
HSV	140°, 40%, 42%
XYZ	8.6435, 11.9481, 9.0584
YIQ	90.2500, -16.0440, -17.6120

Conversions

Conversions Part 2

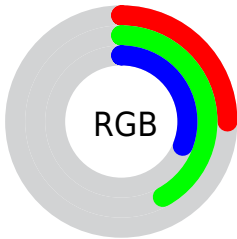
Format	Color
RYB	64, 96, 106
Decimal	4221518
CIELab	41.13, -21.42, 11.20
CIELCh	41, 24.168, 152.400
Yxy	11.9481, 0.2915, 0.4030
Android (android.graphics.Color)	4282411598 (0xFF406A4E)
YUV	90.2500, -6.0392, -23.0212
Hunter-Lab	34.5660, -15.8551, 8.6587

Details

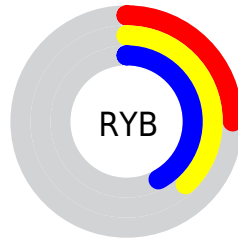
The Decimal color **4221518** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6963292**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **7511679**, and **1063458** is the 20% darker color. If you saturate the color by 10%, you get **3500615**, and if you desaturate by 10%, it is **4942421**.

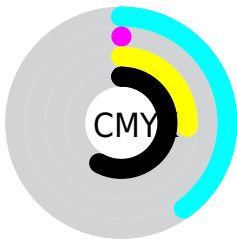
Distribution



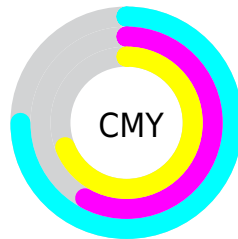
- Red (25%)
- Green (42%)
- Blue (31%)



- Red (25%)
- Yellow (38%)
- Blue (42%)



- Cyan (40%)
- Magenta (0%)
- Yellow (26%)
- Black (58%)



- Cyan (75%)
- Magenta (58%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4221518 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 4221518 by changing the saturation by 10% instead.

■ 4221518

■ 4221518

16777215

■ 2642487

■ 7511679

■ 1063458

■ 9222553

■ 9228

■ 10933428

■ 2048

■ 12775887

■ 0

■ 14614508

■ 16515071

■ 4221518

■ 4221518

■ 3500615

■ 4942421

■ 2845248

■ 5597788

■ 2124345

■ 6318691

■ 1468978

■ 6974058

■ 748075

■ 7694961

■ 27172

■ 8415864

■ 27171

■ 9071231

■ 9792135

■ 10447502

Harmonies

Analogous

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



5793343



4221518



2518114

Triad

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



4221518



4678280



8868941

Complementary

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



4221518



6963292

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.



8868448



4221518



6642562

Square

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



4221518



2517124



8082804



8214846

Rectangle

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



4221518



1469295



8082804



8933971

Sweetspot

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



4221518



7965311



6056512



3884350



12895428



4539717

Same Dimension

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



4221518



4754014



4221539



3159602



29991



62802

Inverse Universe

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



6963292



9062516



6963271



3551284



7667790



16056483

Previews

White Background



This preview shows how the Decimal color 4221518 looks on a white background.

Color Contrast Check

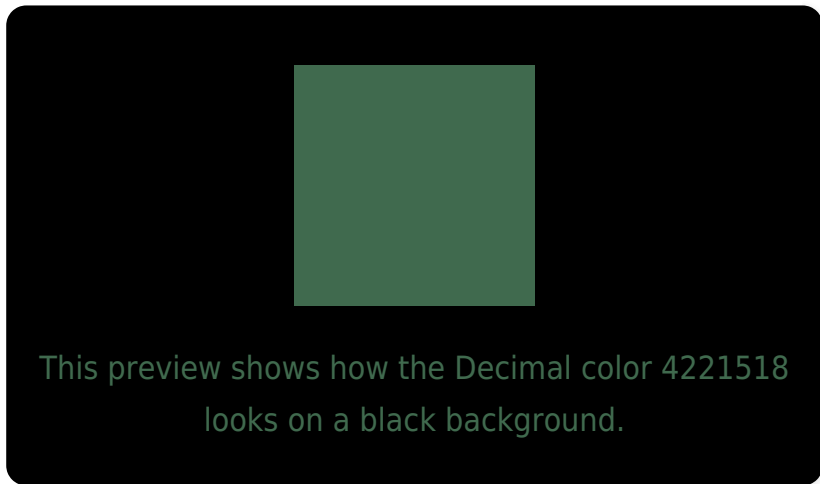
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

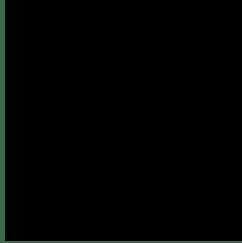
Any Text WCAG AA × Fail

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 4221518 Background



This preview shows how black text looks on a background with the Decimal color 4221518.



This preview shows how white text looks on a background with the Decimal color 4221518.

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
4221518

Protanopia
6774858

Deuteranopia
7298385



Tritanopia
4679278

Trichromacy



Original Color
4221518

Protanomaly
5858379

Deuteranomaly
6185552

Tritanomaly
4482914

Monochromacy



Original Color
4221518

Achromatopsia
5921370

Achromatomaly
5333078

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4221518 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 #406A4E looks like.

```
.text, #text, p{  
  color:#406A4E  
}
```

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 #406A4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #406A4E
}
```

Border

The CSS property to change the border of an element to Decimal 4221518 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
#406A4E }
```

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

```
.border{ border-color:#406A4E }
```

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

Here you see how a box with a 4 pixel #406A4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #406A4E; -webkit-box-shadow:4px 4px  
4px 4px #406A4E; box-shadow:4px 4px 4px  
4px #406A4E }
```

Background

The CSS property to change the background color of an element to Decimal 4221518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#406A4E }
```

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

```
.background{ background-color:#406A4E }
```

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