

# Converting Colors

Decimal(4219504)

Have a look what the booklet for  
Decimal(4219504) contains.

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# Color

**Decimal(4219504)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	406270
RGB	64, 98, 112
RGB Percent	25%, 38%, 44%
CMY	0.7490, 0.6157, 0.5608
CMYK	0.43, 0.13, 0.00, 0.56
HSL	198°, 27%, 35%
HSV	198°, 43%, 44%
XYZ	9.4067, 10.9952, 16.9557
YIQ	89.4300, -24.7580, -2.8540

# Conversions

## Conversions Part 2

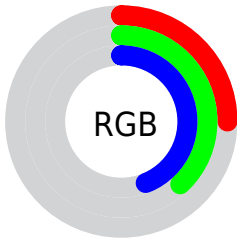
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 84, 112
Decimal	4219504
CIELab	39.57, -8.26, -11.79
CIElCh	40, 14.391, 234.985
Yxy	10.9952, 0.2518, 0.2943
Android (android.graphics.Color)	4282409584 (0xFF406270)
YUV	89.4300, 11.1270, -22.3021
Hunter-Lab	33.1590, -7.3908, -7.1064

# Details

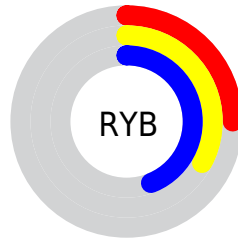
The Decimal color **4219504** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7360064**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **7509412**, and **930880** is the 20% darker color. If you saturate the color by 10%, you get **3497840**, and if you desaturate by 10%, it is **4941168**.

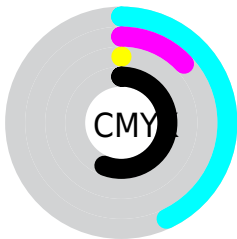
# Distribution



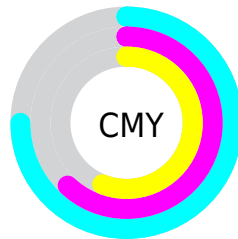
- Red (25%)
- Green (38%)
- Blue (44%)



- Red (25%)
- Yellow (33%)
- Blue (44%)



- Cyan (43%)
- Magenta (13%)
- Yellow (0%)
- Black (56%)



- Cyan (75%)
- Magenta (62%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4219504 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 4219504 by changing the saturation by 10% instead.





4219504



4219504

16777215



2640472



7509412



930880



9220031



7722



10996699



278



12838903



0



14680063



16580607



4219504



4219504



3497840



4941168

■ 2775920

■ 5663088

■ 1988720

■ 6450288

■ 1267056

■ 7171952

■ 545392

■ 7893616

■ 20336

■ 8615536

■ 9337200

■ 10124400

■ 10846064

# Harmonies

## Analogous

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



3957863



4219504



5070708

# Triad

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



4219504



7558496



6053960

# Complementary

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



4219504



7360064

# 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.



6839366



4219504



7689556

# Square

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



4219504



7034731



7428170



5136975

# Rectangle

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



4219504



5725300



7428170



6315591



# Sweetspot

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



4219504



8293521



4223054



4081226



13224393



4868682



# Same Dimension

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



4219504



4684945



4213360



3290680



21880



45047



# Inverse Universe

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



7356514



9521020



7366208



3682870



7864405



16187567



# Previews

## White Background



This preview shows how the Decimal color 4219504 looks on a white background.

## Color Contrast Check

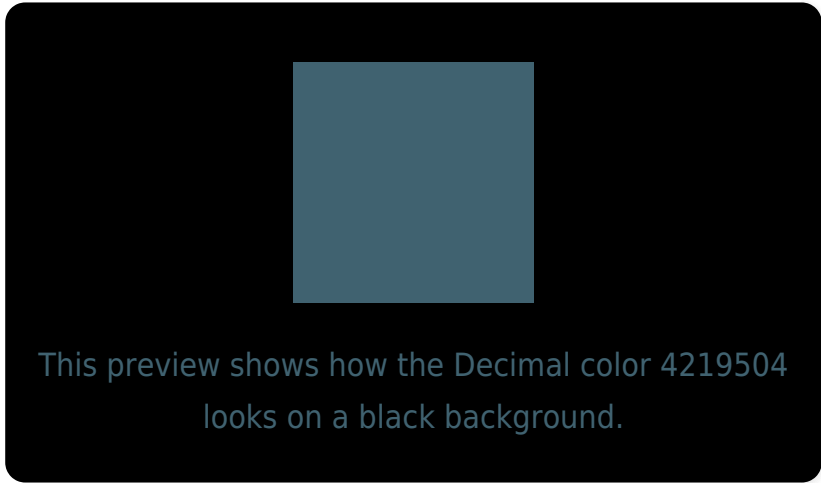
Large Text (above 18pt) WCAG AA ✓ Pass

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

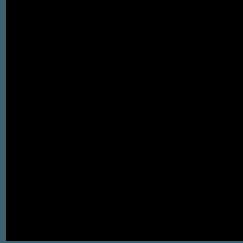
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4219504 Background



This preview shows how black text looks on a background with the Decimal color 4219504.

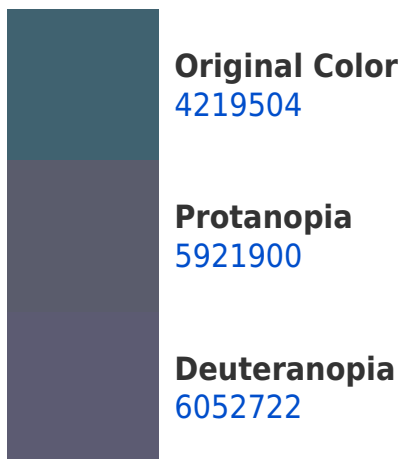



This preview shows how white text looks on a background with the Decimal color 4219504.

# 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**  
4154219

# Trichromacy



**Original Color**  
4219504

**Protanomaly**  
5332589

**Deuteranomaly**  
5398129

**Tritanomaly**  
4154221

# Monochromacy



**Original Color**  
4219504

**Achromatopsia**  
5855577

**Achromatomaly**  
5266529

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4219504 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 #406270 looks like.

```
.text, #text, p{  
    color:#406270  
}
```

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 #406270 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #406270
}
```

## Border

The CSS property to change the border of an element to Decimal 4219504 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
#406270 }
```

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

```
.border{ border-color:#406270 }
```

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

Here you see how a box with a 4 pixel #406270 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #406270; -webkit-box-shadow:4px 4px  
4px 4px #406270; box-shadow:4px 4px 4px  
4px #406270 }
```

# Background

The CSS property to change the background color of an element to Decimal 4219504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#406270 }
```

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

```
.background{ background-color:#406270 }
```

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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