

# Converting Colors

Decimal(4006207)

Have a look what the booklet for  
Decimal(4006207) contains.

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# Color

**Decimal(4006207)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D213F
RGB	61, 33, 63
RGB Percent	24%, 13%, 25%
CMY	0.7608, 0.8706, 0.7529
CMYK	0.03, 0.48, 0.00, 0.75
HSL	296°, 31%, 19%
HSV	296°, 48%, 25%
XYZ	3.3655, 2.4387, 4.9960
YIQ	44.7920, 7.0580, 15.2660

# Conversions

## Conversions Part 2

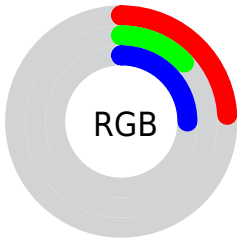
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 33, 63
Decimal	4006207
CIELab	17.64, 19.19, -13.60
CIELCh	18, 23.524, 324.673
Yxy	2.4387, 0.3116, 0.2258
Android (android.graphics.Color)	4282196287 (0xFF3D213F)
YUV	44.7920, 8.9765, 14.2144
Hunter-Lab	15.6163, 11.1406, -8.0366




# Details

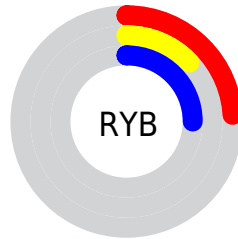
The Decimal color **4006207** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **2309921**, and the grayscale version is **2960685**.




A 20% lighter version of the original color is **7163503**, and **786452** is the 20% darker color. If you saturate the color by 10%, you get **4004671**, and if you desaturate by 10%, it is **4007743**.

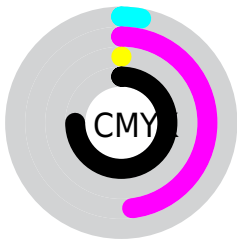
# Distribution







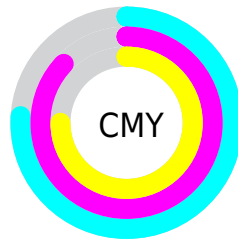
-  Red (24%)
-  Green (13%)
-  Blue (25%)






-  Red (24%)
-  Yellow (13%)
-  Blue (25%)



-  Cyan (3%)
-  Magenta (48%)
-  Yellow (0%)
-  Black (75%)



-  Cyan (76%)
-  Magenta (87%)
-  Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4006207 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 4006207 by changing the saturation by 10% instead.





4006207



4006207

16777215



2559017



7163503



786452



8873608



0



10584226



12425918



14202329



16109814



16772607



4006207



4006207

■ 4004671

■ 4007743

■ 3937343

■ 4075071

■ 3935807

■ 4076607

■ 3868735

■ 4143679

■ 3867199

■ 4145471

■ 3866687

■ 4212543

■ 4214079

■ 4215615

■ 4282943

# Harmonies

## Analogous

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



2566218



4006207



4725807

# Triad

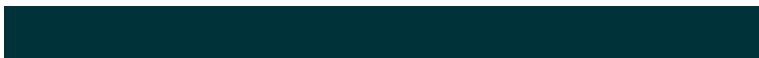
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4006207



3614981



13113

# Complementary

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



4006207



2309921

# 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.



13096



4006207



2567689

# Square

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



4006207



4399888



1126935



12871

# Rectangle

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



4006207



4856868



1126935



13363



# Sweetspot

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



4006207



5326418



2171711



2630185



11053224



2697513



# Same Dimension

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



4006207



5120850



4137266



1973279



5767262



13566174



# Inverse Universe

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



4137251



5382950



2178862



2038812



6160390



14549007



# Previews

## White Background



This preview shows how the Decimal color 4006207 looks on a white background.

## Color Contrast Check

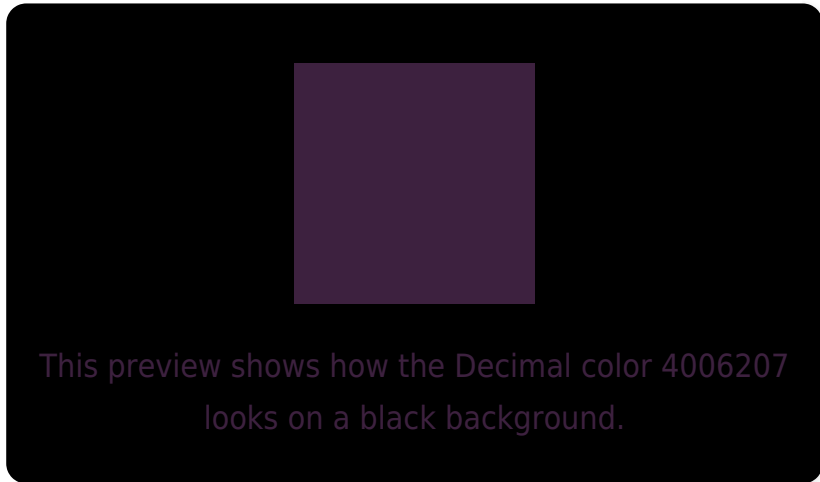
Large Text (above 18pt) WCAG AA ✓ Pass

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

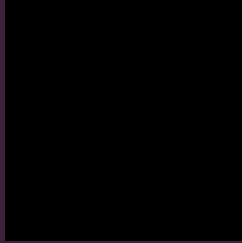
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4006207 Background



This preview shows how black text looks on a background with the Decimal color 4006207.



This preview shows how white text looks on a background with the Decimal color 4006207.

# 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](#).

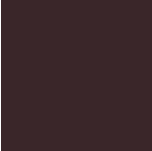
## Dichromacy



**Original Color**  
4006207

**Protanopia**  
2108231

**Deuteranopia**  
2501437



**Tritanopia**  
3810857

# Trichromacy



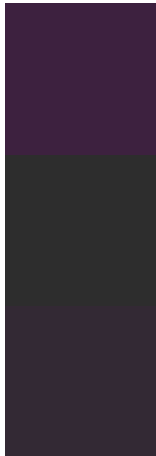
**Original Color**  
4006207

**Protanomaly**  
2828100

**Deuteranomaly**  
3024702

**Tritanomaly**  
3875889

# Monochromacy



**Original Color**  
4006207

**Achromatopsia**  
2960685

**Achromatomaly**  
3352884

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4006207 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 #3D213F looks like.

```
.text, #text, p{  
    color:#3D213F  
}
```

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 #3D213F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D213F
}
```

## Border

The CSS property to change the border of an element to Decimal 4006207 is called "border". The border property can be set on classes, ids or directly on the HTML element.

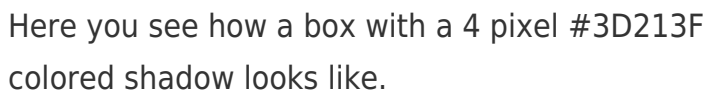
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D213F }
```

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

```
.border{ border-color:#3D213F }
```

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



Here you see how a box with a 4 pixel #3D213F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D213F; -webkit-box-shadow:4px 4px  
4px 4px #3D213F; box-shadow:4px 4px 4px  
4px #3D213F }
```

# Background

The CSS property to change the background color of an element to Decimal 4006207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D213F }
```

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

```
.background{ background-color:#3D213F }
```

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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