

Converting Colors

Decimal(4006472)

Have a look what the booklet for
Decimal(4006472) contains.

Decimal(4006472)	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(4006472)

Conversions

Conversions Part 1

Format	Color
Hex	3D2248
RGB	61, 34, 72
RGB Percent	24%, 13%, 28%
CMY	0.7608, 0.8667, 0.7176
CMYK	0.15, 0.53, 0.00, 0.72
HSL	283°, 36%, 21%
HSV	283°, 53%, 28%
XYZ	3.6662, 2.6040, 6.4403
YIQ	46.4050, 3.8940, 17.5420

Conversions

Conversions Part 2

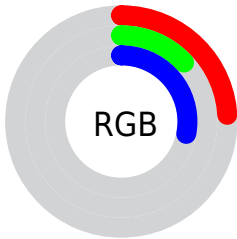
Format	Color
R _Y B	61, 34, 72
Decimal	4006472
CIE Lab	18.38, 20.74, -18.64
CIE LCh	18, 27.887, 318.042
Yxy	2.6040, 0.2884, 0.2049
Android (android.graphics.Color)	4282196552 (0xFF3D2248)
YUV	46.4050, 12.6183, 12.7998
Hunter-Lab	16.1370, 12.3139, -12.3667

Details

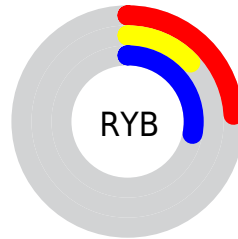
The Decimal color **4006472** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **2967586**, and the grayscale version is **3026478**.

A 20% lighter version of the original color is **7229305**, and **1048605** is the 20% darker color. If you saturate the color by 10%, you get **3873608**, and if you desaturate by 10%, it is **4139336**.

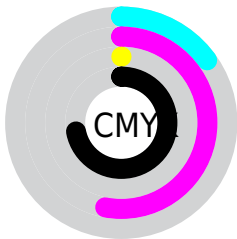
Distribution



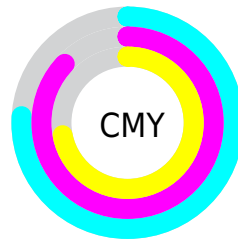
- Red (24%)
- Green (13%)
- Blue (28%)



- Red (24%)
- Yellow (13%)
- Blue (28%)



- Cyan (15%)
- Magenta (53%)
- Yellow (0%)
- Black (72%)



- Cyan (76%)
- Magenta (87%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4006472 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 4006472 by changing the saturation by 10% instead.



4006472



4006472

16777215



2493745



7229305



1048605



8874131



0



10650029



12426185



14268133



16175871



16772863



4006472



4006472

■ 3873608

■ 4139336

■ 3740744

■ 4272200

■ 3607624

■ 4405320

■ 3474760

■ 4538184

■ 3342408

■ 4671048

■ 4869448

■ 5002312

■ 5135432

■ 5268296

Harmonies

Analogous

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



1911635



4006472



5052982

Triad

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



4006472



4073728



13881

Complementary

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



4006472



2967586

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.



13860



4006472



2895616

Square

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



4006472



4923663



1258512



13642

Rectangle

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



4006472



5314856



1258512



13874

Sweetspot

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



4006472



5918558



2239816



3024688



11579568



3158064

Same Dimension

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



4006472



5055326



4727360



2301988



4653155



10551523

Inverse Universe

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



4727341



6169396



2246698



2367521



6488093



14876738

Previews

White Background



This preview shows how the Decimal color 4006472 looks on a white background.

Color Contrast Check

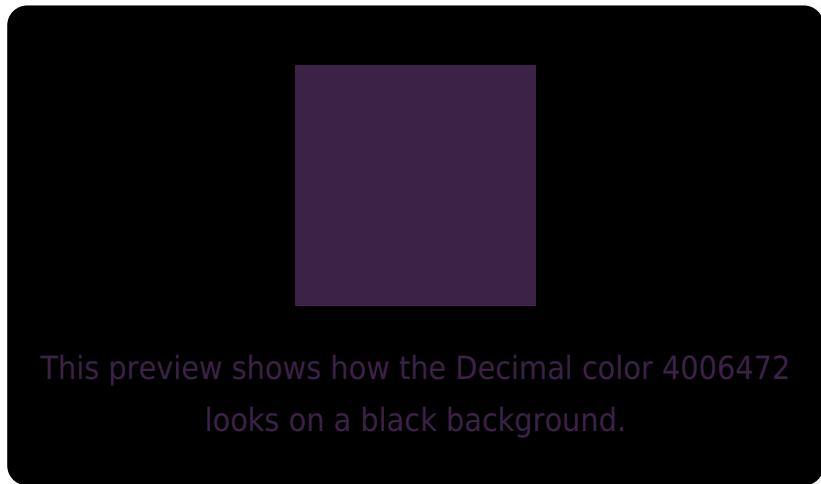
Large Text (above 18pt) WCAG AA ✓ Pass

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

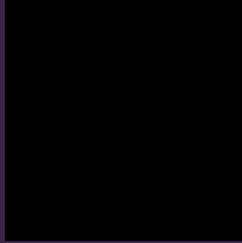
Any Text WCAG AA × Fail

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 4006472 Background



This preview shows how black text looks on a background with the Decimal color 4006472.



This preview shows how white text looks on a background with the Decimal color 4006472.

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](#).

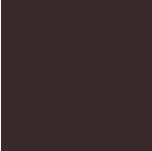
Dichromacy



Original Color
4006472

Protanopia
1780817

Deuteranopia
2174278



Tritanopia
3746092

Trichromacy



Original Color
4006472

Protanomaly
2566222

Deuteranomaly
2828615

Tritanomaly
3810870

Monochromacy



Original Color
4006472

Achromatopsia
3026478

Achromatomaly
3353143

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4006472 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 #3D2248 looks like.

```
.text, #text, p{  
  color:#3D2248  
}
```

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 #3D2248 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D2248
}
```

Border

The CSS property to change the border of an element to Decimal 4006472 is called "border". The border property can be set on classes, ids or directly on the HTML element.

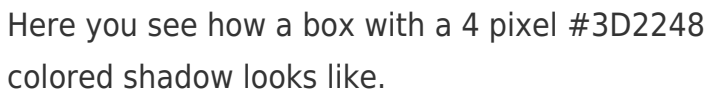
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D2248 }
```

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

```
.border{ border-color:#3D2248 }
```

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



Here you see how a box with a 4 pixel #3D2248 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D2248; -webkit-box-shadow:4px 4px  
4px 4px #3D2248; box-shadow:4px 4px 4px  
4px #3D2248 }
```

Background

The CSS property to change the background color of an element to Decimal 4006472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D2248 }
```

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

```
.background{ background-color:#3D2248 }
```

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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