

Converting Colors

Decimal(4668012)

Have a look what the booklet for
Decimal(4668012) contains.

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Color

Decimal(4668012)

Conversions

Conversions Part 1

Format	Color
Hex	473A6C
RGB	71, 58, 108
RGB Percent	28%, 23%, 42%
CMY	0.7216, 0.7725, 0.5765
CMYK	0.34, 0.46, 0.00, 0.58
HSL	256°, 30%, 33%
HSV	256°, 46%, 42%
XYZ	6.8184, 5.4484, 14.8796
YIQ	67.5870, -8.3020, 18.3060

Conversions

Conversions Part 2

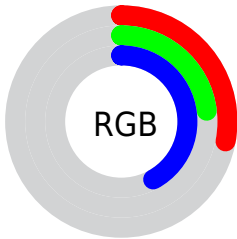
Format	Color
R_{YB}	71, 58, 108
Decimal	4668012
CIE _{Lab}	27.98, 18.20, -27.20
CIE _{LCh}	28, 32.726, 303.796
Yxy	5.4484, 0.2512, 0.2007
Android (android.graphics.Color)	4282858092 (0xFF473A6C)
YUV	67.5870, 19.9236, 2.9932
Hunter-Lab	23.3418, 11.2933, -21.4561

Details

The Decimal color **4668012** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6253626**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **7956896**, and **1511484** is the 20% darker color. If you saturate the color by 10%, you get **4140908**, and if you desaturate by 10%, it is **5195116**.

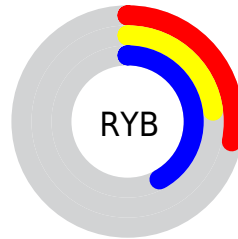
Distribution



Red (28%)

Green (23%)

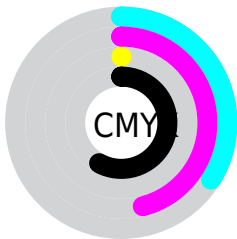
Blue (42%)



Red (28%)

Yellow (23%)

Blue (42%)

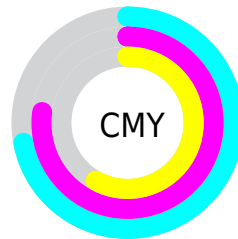


Cyan (34%)

Magenta (46%)

Yellow (0%)

Black (58%)



Cyan (72%)

Magenta (77%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4668012 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 4668012 by changing the saturation by 10% instead.



4668012



4668012

16777215



3089491



7956896



1511484



9667515



38



11443671



271



13285619



0



15193087



16773375



4668012



4668012



4140908



5195116

■ 3613804

■ 5722220

■ 3086956

■ 6249068

■ 2559852

■ 6776172

■ 2032748

■ 7303276

■ 1835116

■ 7830380

■ 8357484

■ 8884332

■ 9411436

Harmonies

Analogous

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



738420



4668012



6500441

Triad

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



4668012



6371348



20037

Complementary

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



4668012



6253626

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.



412715



4668012



4997643

Square

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



4668012



7155495



3295509



20061

Rectangle

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



4668012



7154504



3295509



20028

Sweetspot

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



4668012



8288652



3825772



4078407



13092807



4671303

Same Dimension

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



4668012



5389964



6306412



3289142



1966197



4194549

Inverse Universe

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



7092831



9191032



4680762



3551284



7667799



16056501

Previews

White Background



This preview shows how the Decimal color 4668012 looks on a white background.

Color Contrast Check

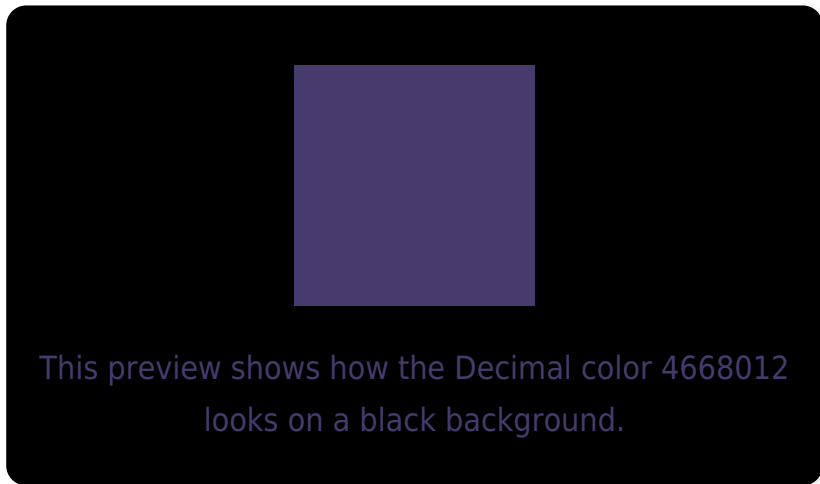
Large Text (above 18pt) WCAG AA ✓ Pass

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 4668012 Background



This preview shows how black text looks on a background with the Decimal color 4668012.

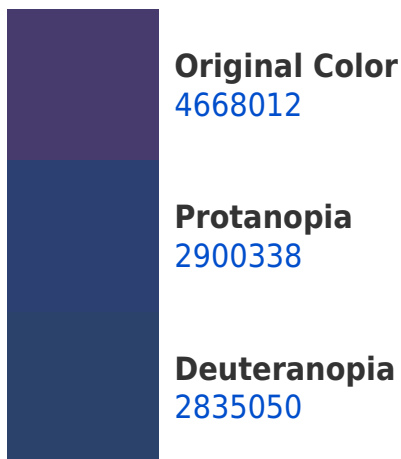


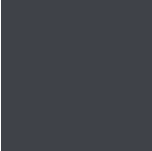
This preview shows how white text looks on a background with the Decimal color 4668012.

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
4145736

Trichromacy



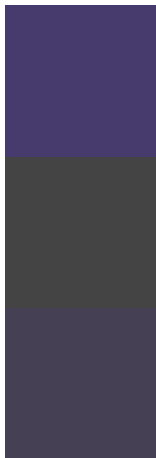
Original Color
4668012

Protanomaly
3554928

Deuteranomaly
3489643

Tritanomaly
4341589

Monochromacy



Original Color
4668012

Achromatopsia
4473924

Achromatomaly
4538451

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4668012 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 #473A6C looks like.

```
.text, #text, p{  
    color:#473A6C  
}
```

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 #473A6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #473A6C
}
```

Border

The CSS property to change the border of an element to Decimal 4668012 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
#473A6C }
```

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

```
.border{ border-color:#473A6C }
```

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

Here you see how a box with a 4 pixel #473A6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #473A6C; -webkit-box-shadow:4px 4px  
4px 4px #473A6C; box-shadow:4px 4px 4px  
4px #473A6C }
```

Background

The CSS property to change the background color of an element to Decimal 4668012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#473A6C }
```

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

```
.background{ background-color:#473A6C }
```

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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