

Converting Colors

Decimal(4997468)

Have a look what the booklet for
Decimal(4997468) contains.

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Color

Decimal(4997468)

Conversions

Conversions Part 1

Format	Color
Hex	4C415C
RGB	76, 65, 92
RGB Percent	30%, 25%, 36%
CMY	0.7020, 0.7451, 0.6392
CMYK	0.17, 0.29, 0.00, 0.64
HSL	264°, 17%, 31%
HSV	264°, 29%, 36%
XYZ	6.8026, 6.0898, 10.9421
YIQ	71.3670, -2.1110, 10.7290

Conversions

Conversions Part 2

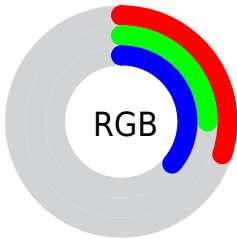
Format	Color
R_{YB}	76, 65, 92
Decimal	4997468
CIE _{Lab}	29.64, 10.88, -14.30
CIE _{LCh}	30, 17.966, 307.265
Yxy	6.0898, 0.2854, 0.2555
Android (android.graphics.Color)	4283187548 (0xFF4C415C)
YUV	71.3670, 10.1721, 4.0631
Hunter-Lab	24.6775, 6.0193, -9.0152

Details

The Decimal color **4997468** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5332033**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **8221070**, and **2037294** is the 20% darker color. If you saturate the color by 10%, you get **4667484**, and if you desaturate by 10%, it is **5327452**.

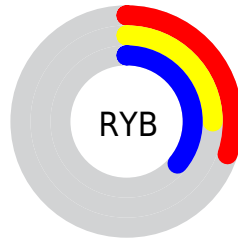
Distribution



Red (30%)

Green (25%)

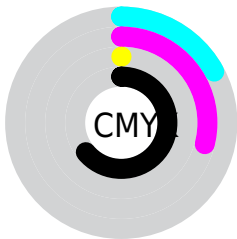
Blue (36%)



Red (30%)

Yellow (25%)

Blue (36%)

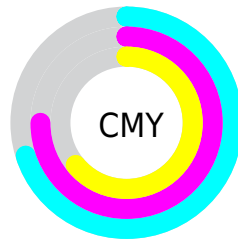


Cyan (17%)

Magenta (29%)

Yellow (0%)

Black (64%)



Cyan (70%)

Magenta (75%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4997468 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 4997468 by changing the saturation by 10% instead.



4997468



4997468

16777215



3484484



8221070



2037294



9931433



589850



11707844



0



13549792



15391997



16775423



4997468



4997468



4667484



5327452

■ 4271964

■ 5722972

■ 3941724

■ 6053212

■ 3546204

■ 6448732

■ 3216220

■ 6778716

■ 2820700

■ 7174236

■ 2490716

■ 7504220

■ 2424924

■ 7899996

■ 8229980

Harmonies

Analogous

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



3688033



4997468



5913937

Triad

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



4997468



5783852



1854793

Complementary

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



4997468



5332033

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.



2903355



4997468



4998698

Square

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



4997468



6307126



4016687



1330518

Rectangle

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



4997468



6306632



4016687



2182468

Sweetspot

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



4997468



7433592



4280668



3749437



12434877



4013373

Same Dimension

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



4997468



6246008



5849436



2828590



2949230



6357229

Inverse Universe

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



6046033



7884391



4480065



3025196



7209025



15532173

Previews

White Background



This preview shows how the Decimal color 4997468 looks on a white background.

Color Contrast Check

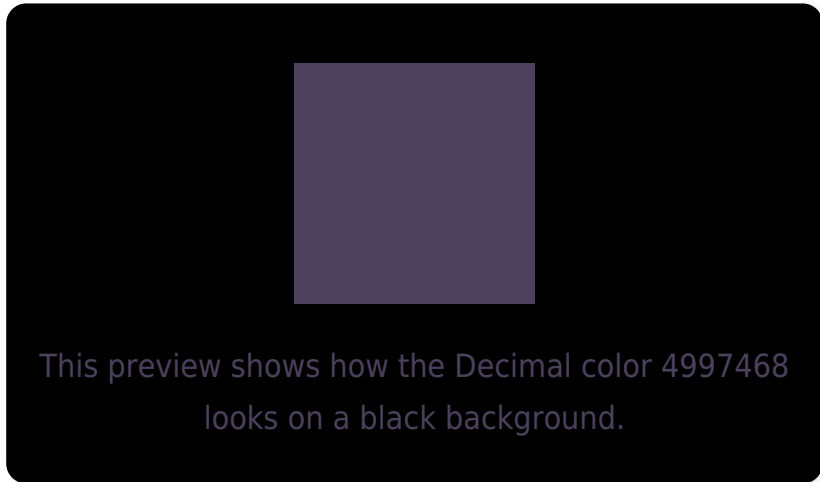
Large Text (above 18pt) WCAG AA ✓ Pass

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

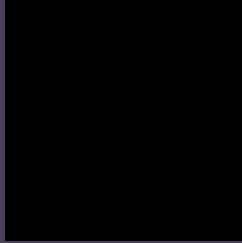
Any Text WCAG AA × Fail

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 4997468 Background



This preview shows how black text looks on a background with the Decimal color 4997468.



This preview shows how white text looks on a background with the Decimal color 4997468.

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
4997468

Protanopia
4080991

Deuteranopia
4277595



Tritanopia
4801610

Trichromacy



Original Color

4997468

Protanomaly

4408414

Deuteranomaly

4539483

Tritanomaly

4866897

Monochromacy



Original Color

4997468

Achromatopsia

4671303

Achromatomaly

4801871

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4997468 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 #4C415C looks like.

```
.text, #text, p{  
    color:#4C415C  
}
```

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 #4C415C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C415C
}
```

Border

The CSS property to change the border of an element to Decimal 4997468 is called "border". The border property can be set on classes, ids or directly on the HTML element.

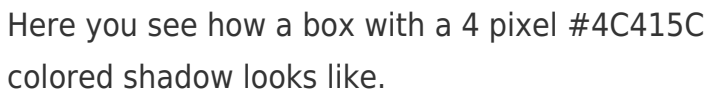
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C415C }
```

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

```
.border{ border-color:#4C415C }
```

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



Here you see how a box with a 4 pixel #4C415C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C415C; -webkit-box-shadow:4px 4px  
4px 4px #4C415C; box-shadow:4px 4px 4px  
4px #4C415C }
```

Background

The CSS property to change the background color of an element to Decimal 4997468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C415C }
```

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

```
.background{ background-color:#4C415C }
```

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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