

Converting Colors

Decimal(4991587)

Have a look what the booklet for
Decimal(4991587) contains.

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Color

Decimal(4991587)

Conversions

Conversions Part 1

Format	Color
Hex	4C2A63
RGB	76, 42, 99
RGB Percent	30%, 16%, 39%
CMY	0.7020, 0.8353, 0.6118
CMYK	0.23, 0.58, 0.00, 0.61
HSL	276°, 40%, 28%
HSV	276°, 58%, 39%
XYZ	6.0606, 4.0933, 12.2750
YIQ	58.6640, 1.9670, 24.9350

Conversions

Conversions Part 2

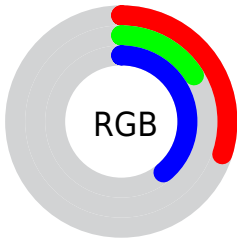
Format	Color
R_{YB}	76, 42, 99
Decimal	4991587
CIE Lab	23.98, 27.44, -27.69
CIE LCh	24, 38.981, 314.738
Yxy	4.0933, 0.2702, 0.1825
Android (android.graphics.Color)	4283181667 (0xFF4C2A63)
YUV	58.6640, 19.8856, 15.2037
Hunter-Lab	20.2319, 18.0651, -21.8100

Details

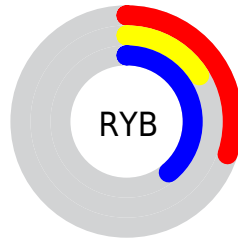
The Decimal color **4991587** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4285226**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **8346006**, and **1966132** is the 20% darker color. If you saturate the color by 10%, you get **4726883**, and if you desaturate by 10%, it is **5256291**.

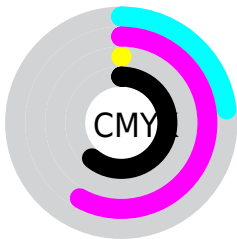
Distribution



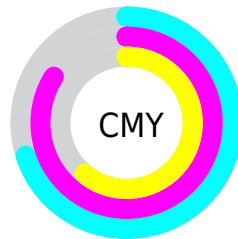
- Red (30%)
- Green (16%)
- Blue (39%)



- Red (30%)
- Yellow (16%)
- Blue (39%)



- Cyan (23%)
- Magenta (58%)
- Yellow (0%)
- Black (61%)



- Cyan (70%)
- Magenta (84%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4991587 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 4991587 by changing the saturation by 10% instead.



4991587



4991587

16777215



3413067



8346006



1966132



10056369



286



11832525



0



13674217



15581951



16768767



16775935



4991587



4991587

■ 4726883

■ 5256291

■ 4462179

■ 5520995

■ 4197475

■ 5785699

■ 3932771

■ 6050403

■ 3866723

■ 6315107

■ 6579555

■ 6844259

■ 7108963

■ 7373667

Harmonies

Analogous

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



866418



4991587



6626377

Triad

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



4991587



5452288



17991

Complementary

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



4991587



4285226

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.



17705



4991587



3750912

Square

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



4991587



6628624



1393162



17762

Rectangle

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



4991587



7084086



1393162



17981

Sweetspot

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



4991587



7826048



2769507



3879744



12566463



4210752

Same Dimension

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



4991587



6039680



6498910



3025968



4391024



9371888

Inverse Universe

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



6498881



8398923



2777903



3157038



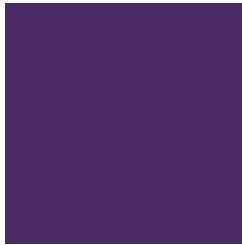
7340077



15728737

Previews

White Background



This preview shows how the Decimal color 4991587 looks on a white background.

Color Contrast Check

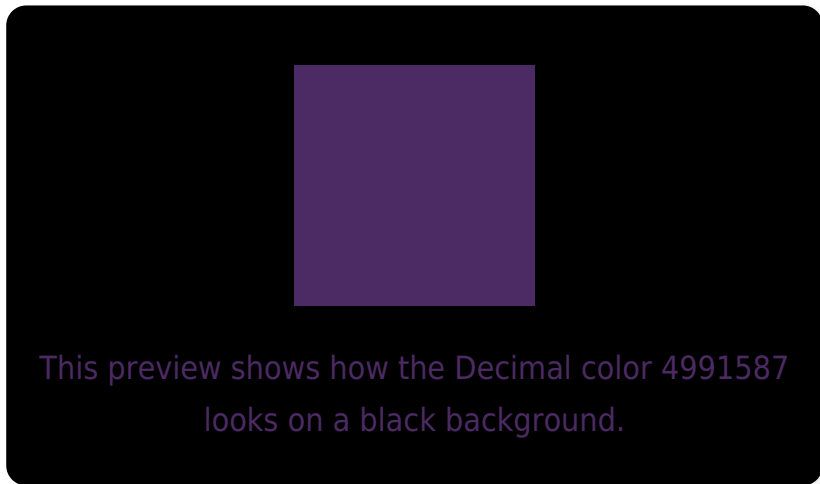
Large Text (above 18pt) WCAG AA ✓ Pass

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

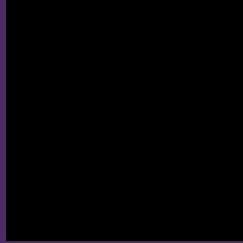
Any Text WCAG AA × Fail

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 4991587 Background



This preview shows how black text looks on a background with the Decimal color 4991587.



This preview shows how white text looks on a background with the Decimal color 4991587.

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](#).

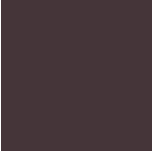
Dichromacy



Original Color
4991587

Protanopia
1521777

Deuteranopia
2112096



Tritanopia
4535609

Trichromacy



Original Color
4991587

Protanomaly
2765676

Deuteranomaly
3159137

Tritanomaly
4731208

Monochromacy



Original Color
4991587

Achromatopsia
3881787

Achromatomaly
4273482

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4991587 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 #4C2A63 looks like.

```
.text, #text, p{  
    color:#4C2A63  
}
```

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 #4C2A63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C2A63
}
```

Border

The CSS property to change the border of an element to Decimal 4991587 is called "border". The border property can be set on classes, ids or directly on the HTML element.

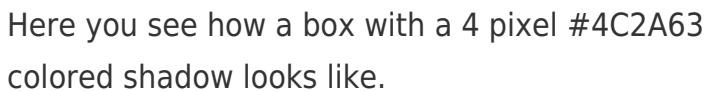
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C2A63 }
```

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

```
.border{ border-color:#4C2A63 }
```

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



Here you see how a box with a 4 pixel #4C2A63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C2A63; -webkit-box-shadow:4px 4px  
4px 4px #4C2A63; box-shadow:4px 4px 4px  
4px #4C2A63 }
```

Background

The CSS property to change the background color of an element to Decimal 4991587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C2A63 }
```

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

```
.background{ background-color:#4C2A63 }
```

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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