

Converting Colors

Decimal(4987532)

Have a look what the booklet for
Decimal(4987532) contains.

Decimal(4987532)	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(4987532)

Conversions

Conversions Part 1

Format	Color
Hex	4C1A8C
RGB	76, 26, 140
RGB Percent	30%, 10%, 55%
CMY	0.7020, 0.8980, 0.4510
CMYK	0.46, 0.81, 0.00, 0.45
HSL	266°, 69%, 33%
HSV	266°, 81%, 55%
XYZ	8.0835, 4.1687, 25.1895
YIQ	53.9460, -6.7940, 46.0540

Conversions

Conversions Part 2

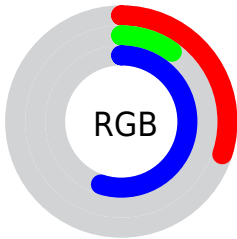
Format	Color
RYB	76, 26, 140
Decimal	4987532
CIELab	24.22, 46.51, -53.43
CIElCh	24, 70.839, 311.042
Yxy	4.1687, 0.2159, 0.1113
Android (android.graphics.Color)	4283177612 (0xFF4C1A8C)
YUV	53.9460, 42.4246, 19.3414
Hunter-Lab	20.4175, 34.9395, -58.8552

Details

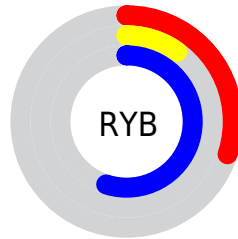
The Decimal color **4987532** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5934106**, and the grayscale version is **3552822**.

A 20% lighter version of the original color is **8604867**, and **983129** is the 20% darker color. If you saturate the color by 10%, you get **4459660**, and if you desaturate by 10%, it is **5515404**.

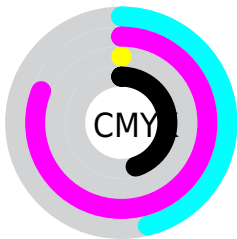
Distribution



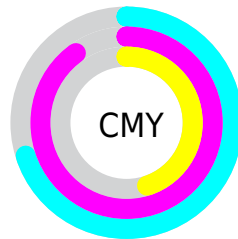
- Red (30%)
- Green (10%)
- Blue (55%)



- Red (30%)
- Yellow (10%)
- Blue (55%)



- Cyan (46%)
- Magenta (81%)
- Yellow (0%)
- Black (45%)



- Cyan (70%)
- Magenta (90%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4987532 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 4987532 by changing the saturation by 10% instead.

■ 4987532

■ 4987532

16777215

■ 3145842

■ 8604867

■ 983129

■ 10446559

■ 64

■ 12353788

■ 809

■ 14261247

■ 275

■ 16168703

■ 0

■ 16765695

■ 16773119

■ 4987532

■ 4987532

■ 4459660

■ 5515404

■ 3997836

■ 6043276

■ 6571148

■ 7033484

■ 7561356

■ 8089228

■ 8617100

■ 9144972

■ 9672844

Harmonies

Analogous

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



15526



4987532



8519774

Triad

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



4987532



6433024



19533

Complementary

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



4987532



5934106

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.



19219



4987532



3554816

Square

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



4987532



8519680



18176



19840

Rectangle

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



4987532



9371706



18176



19514

Sweetspot

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



4987532



10324661



1727372



5063004



14408667



6052956

Same Dimension

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



4987532



5309621



8657548



4275781



3801221



131077

Inverse Universe

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



9181786



11863143



2264090



4537922



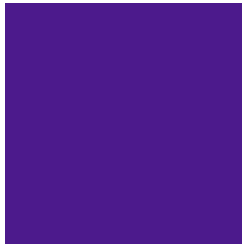
8716362



327683

Previews

White Background



This preview shows how the Decimal color 4987532 looks on a white background.

Color Contrast Check

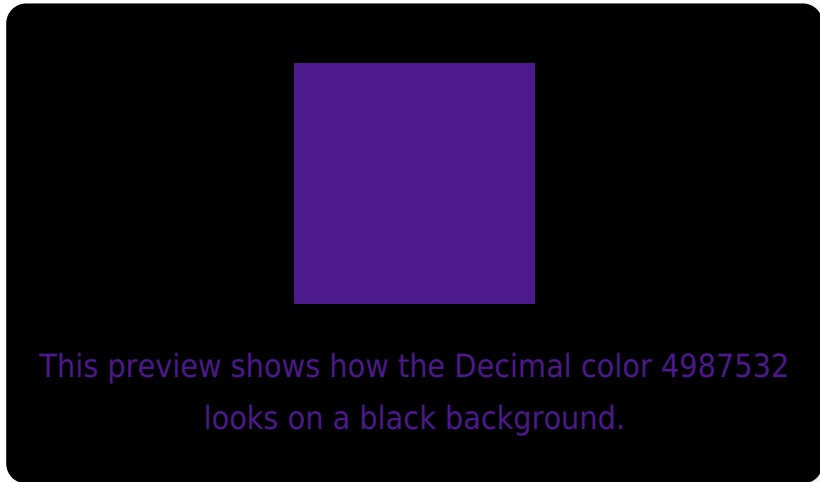
Large Text (above 18pt) WCAG AA ✓ Pass

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

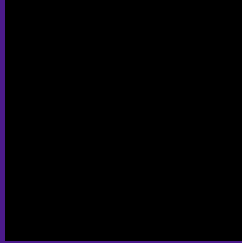
Any Text WCAG AA × Fail

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 4987532 Background



This preview shows how black text looks on a background with the Decimal color 4987532.



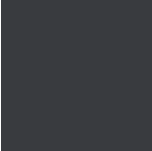
This preview shows how white text looks on a background with the Decimal color 4987532.

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
3750719

Trichromacy



Original Color
4987532

Protanomaly
1846911

Deuteranomaly
1847412

Tritanomaly
4206427

Monochromacy



Original Color
4987532

Achromatopsia
3552822

Achromatomaly
4074581

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4987532 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 #4C1A8C looks like.

```
.text, #text, p{  
    color:#4C1A8C  
}
```

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 #4C1A8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C1A8C
}
```

Border

The CSS property to change the border of an element to Decimal 4987532 is called "border". The border property can be set on classes, ids or directly on the HTML element.

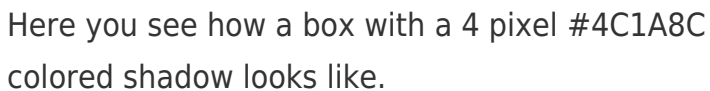
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C1A8C }
```

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

```
.border{ border-color:#4C1A8C }
```

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



Here you see how a box with a 4 pixel #4C1A8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C1A8C; -webkit-box-shadow:4px 4px  
4px 4px #4C1A8C; box-shadow:4px 4px 4px  
4px #4C1A8C }
```

Background

The CSS property to change the background color of an element to Decimal 4987532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C1A8C }
```

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

```
.background{ background-color:#4C1A8C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor