

Converting Colors

Decimal(4996227)

Have a look what the booklet for
Decimal(4996227) contains.

Decimal(4996227)	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(4996227)

Conversions

Conversions Part 1

Format	Color
Hex	4C3C83
RGB	76, 60, 131
RGB Percent	30%, 24%, 51%
CMY	0.7020, 0.7647, 0.4863
CMYK	0.42, 0.54, 0.00, 0.49
HSL	254°, 37%, 37%
HSV	254°, 54%, 51%
XYZ	8.6931, 6.4069, 22.2512
YIQ	72.8780, -13.2550, 25.4730

Conversions

Conversions Part 2

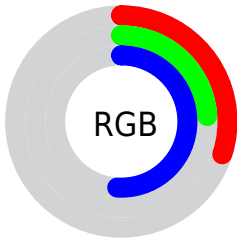
Format	Color
R_{YB}	76, 60, 131
Decimal	4996227
CIE _{Lab}	30.42, 25.20, -37.78
CIE _{LCh}	30, 45.412, 303.712
Yxy	6.4069, 0.2327, 0.1715
Android (android.graphics.Color)	4283186307 (0xFF4C3C83)
YUV	72.8780, 28.6541, 2.7380
Hunter-Lab	25.3119, 17.0081, -34.4025

Details

The Decimal color **4996227** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7570236**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **8416441**, and **1577297** is the 20% darker color. If you saturate the color by 10%, you get **4337539**, and if you desaturate by 10%, it is **5654915**.

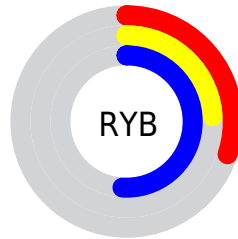
Distribution



 Red (30%)

 Green (24%)

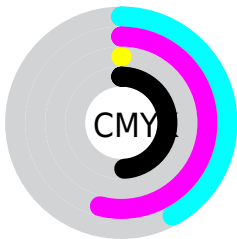
 Blue (51%)




 Red (30%)

 Yellow (24%)

 Blue (51%)

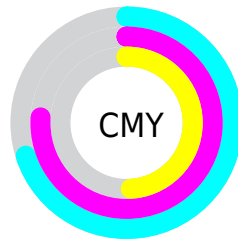


 Cyan (42%)

 Magenta (54%)

 Yellow (0%)

 Black (49%)



 Cyan (70%)

 Magenta (76%)

 Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4996227 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 4996227 by changing the saturation by 10% instead.



4996227



4996227

16777215



3286633



8416441



1577297



10192340



262202



12034033



547



13876223



10



15783679



0



16774143



4996227



4996227



4337539



5654915

■ 3678851

■ 6313603

■ 3020163

■ 6972291

■ 2295939

■ 7696515

■ 1966211

■ 8355459

■ 9014147

■ 9672835

■ 10331523

■ 10990211

Harmonies

Analogous

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



19343



4996227



7678568

Triad

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



4996227



7289344



22347

Complementary

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



4996227



7570236

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.



21798



4996227



5523456

Square

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



4996227



8530210



3100672



22382

Rectangle

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



4996227



8528209



3100672



22335

Sweetspot

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



4996227



9867435



3961987



4867671



14079702



5723991

Same Dimension

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



4996227



5586091



7289987



4013122



1900674



65539

Inverse Universe

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



8600691



11222162



5276476



4340801



8519781



196610

Previews

White Background



This preview shows how the Decimal color 4996227 looks on a white background.

Color Contrast Check

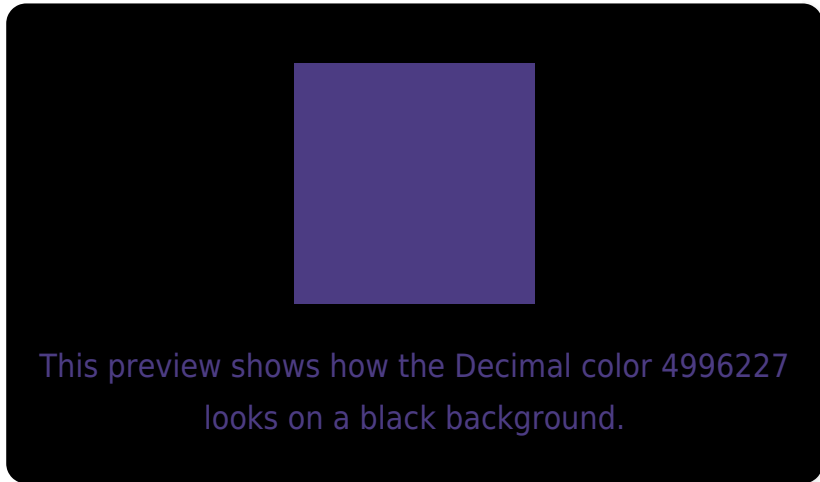
Large Text (above 18pt) WCAG AA ✓ Pass

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 4996227 Background



This preview shows how black text looks on a background with the Decimal color 4996227.

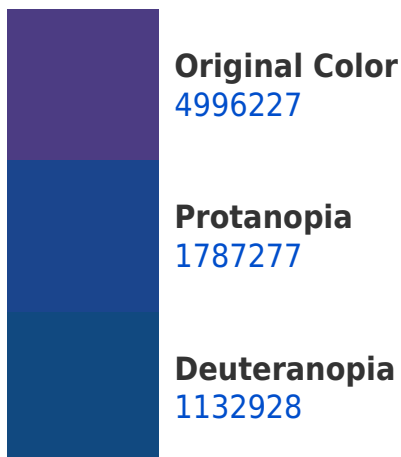


This preview shows how white text looks on a background with the Decimal color 4996227.

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
4147535

Trichromacy



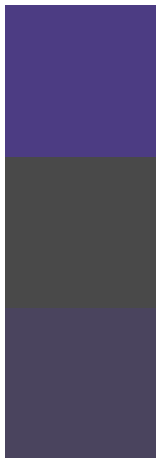
Original Color
4996227

Protanomaly
2966153

Deuteranomaly
2507905

Tritanomaly
4473954

Monochromacy



Original Color
4996227

Achromatopsia
4802889

Achromatomaly
4867166

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4996227 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 #4C3C83 looks like.

```
.text, #text, p{  
    color:#4C3C83  
}
```

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 #4C3C83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C3C83
}
```

Border

The CSS property to change the border of an element to Decimal 4996227 is called "border". The border property can be set on classes, ids or directly on the HTML element.

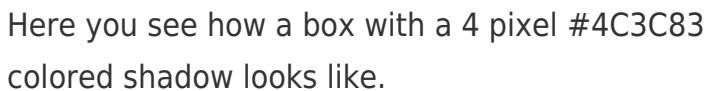
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C3C83 }
```

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

```
.border{ border-color:#4C3C83 }
```

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



Here you see how a box with a 4 pixel #4C3C83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C3C83; -webkit-box-shadow:4px 4px  
4px 4px #4C3C83; box-shadow:4px 4px 4px  
4px #4C3C83 }
```

Background

The CSS property to change the background color of an element to Decimal 4996227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C3C83 }
```

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

```
.background{ background-color:#4C3C83 }
```

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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