

Converting Colors

Decimal(4932719)

Have a look what the booklet for
Decimal(4932719) contains.

Decimal(4932719) 3

Conversions 4

Details 6

Harmonies 11

Previews 23

Color Blindness Simulation 26

CSS Examples 29

Color

Decimal(4932719)

Conversions

Conversions Part 1	
Format	Color
Hex	4B446F
RGB	75, 68, 111
RGB Percent	29%, 27%, 44%
CMY	0.7059, 0.7333, 0.5647
CMYK	0.32, 0.39, 0.00, 0.56
HSL	250°, 24%, 35%
HSV	250°, 39%, 44%
XYZ	7.8380, 6.7778, 15.9341
YIQ	74.9950, -9.6310, 14.8570

Conversions

Conversions Part 2

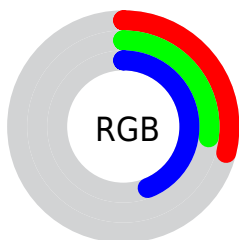
Format	Color
RYB	75, 68, 111
Decimal	4932719
CIELab	31.30, 13.77, -23.85
CIELCh	31, 27.542, 300.006
Yxy	6.7778, 0.2566, 0.2219
Android (android.graphics.Color)	4283122799 (0xFF4B446F)
YUV	74.9950, 17.7505, 0.0044
Hunter-Lab	26.0342, 8.1804, -18.0641

Details

The Decimal color **4932719** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6844228**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **8221859**, and **1841471** is the 20% darker color. If you saturate the color by 10%, you get **4340079**, and if you desaturate by 10%, it is **5525359**.

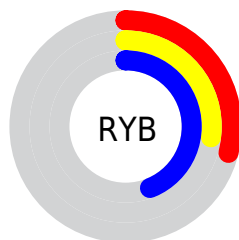
Distribution



Red (29%)

Green (27%)

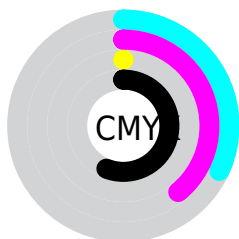
Blue (44%)



Red (29%)

Yellow (27%)

Blue (44%)

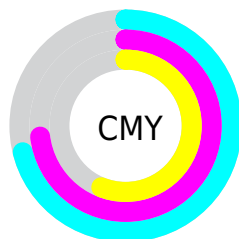


Cyan (32%)

Magenta (39%)

Yellow (0%)

Black (56%)



Cyan (71%)

Magenta (73%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4932719 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 4932719 by changing the saturation by 10% instead.

 4932719

 4932719

16777215

 3354198

 8221859

 1841471

 9932478

 589865

 11708634

 275

 13550583

 0

 15458303


 16776447

 4932719

 4932719

 4340079

 5525359

 3681903

 6183535

 3089263

 6776175

 2496623

 7368815

 1903727

 7961711

 1245551

 8619887

 1179759

 9212527

 9805167

 10463343

Harmonies

Analogous

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



2313333



4932719



6569056

Triad

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



4932719



6766885



21833

Complementary

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



4932719



6844228

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.



2446131



4932719



5654557

Square

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



4932719



7420469



4214563



21599

Rectangle

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



4932719



7223378



4214563



283713

Sweetspot

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



4932719



8618129



4483439



4276298



13224393



4868682

Same Dimension

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



4932719



5852817



6308975



3355192



1310840



2621687

Inverse Universe

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



7292008



9522822



5467972



3682871



7864420



16187599

Previews

White Background



This preview shows how the Decimal color 4932719 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



This preview shows how the Decimal color 4932719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

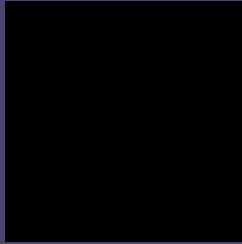
Any Text WCAG AA × Fail

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 4932719 Background



This preview shows how black text looks on a background with the Decimal color 4932719.

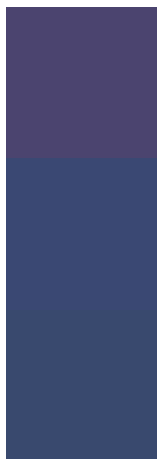


This preview shows how white text looks on a background with the Decimal color 4932719.

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
4932719

Protanopia
3819635

Deuteranopia
3754350

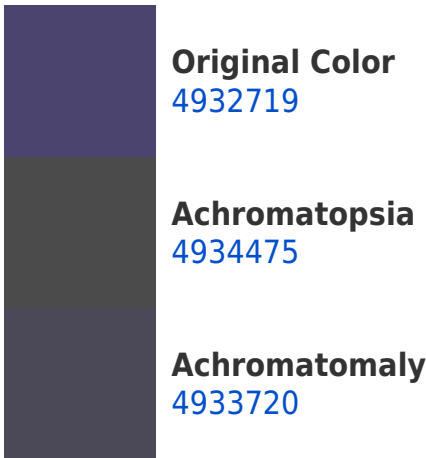


Tritanopia
4541008

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4932719 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 #4B446F looks like.

```
.text, #text, p{  
    color:#4B446F  
}
```

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 #4B446F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B446F
}
```

Border

The CSS property to change the border of an element to Decimal 4932719 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
#4B446F }
```

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

```
.border{ border-color:#4B446F }
```

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

Here you see how a box with a 4 pixel #4B446F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B446F; -webkit-box-shadow:4px 4px  
4px 4px #4B446F; box-shadow:4px 4px 4px  
4px #4B446F }
```

Background

The CSS property to change the background color of an element to Decimal 4932719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B446F }
```

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

```
.background{ background-color:#4B446F }
```

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