

Converting Colors

Decimal(4930660)

Have a look what the booklet for
Decimal(4930660) contains.

Decimal(4930660)	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(4930660)

Conversions

Conversions Part 1

Format	Color
Hex	4B3C64
RGB	75, 60, 100
RGB Percent	29%, 24%, 39%
CMY	0.7059, 0.7647, 0.6078
CMYK	0.25, 0.40, 0.00, 0.61
HSL	262°, 25%, 31%
HSV	262°, 40%, 39%
XYZ	6.8178, 5.6477, 12.7874
YIQ	69.0450, -3.9000, 15.6200

Conversions

Conversions Part 2

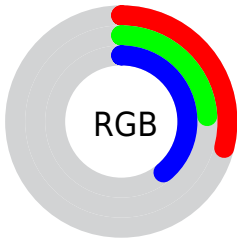
Format	Color
R_{YB}	75, 60, 100
Decimal	4930660
CIE _{Lab}	28.51, 15.91, -21.21
CIE _{LCh}	29, 26.515, 306.883
Yxy	5.6477, 0.2700, 0.2236
Android (android.graphics.Color)	4283120740 (0xFF4B3C64)
YUV	69.0450, 15.2608, 5.2225
Hunter-Lab	23.7648, 9.6204, -15.2673

Details

The Decimal color **4930660** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5596220**, and the grayscale version is **4539717**.

A 20% lighter version of the original color is **8219799**, and **1905205** is the 20% darker color. If you saturate the color by 10%, you get **4534884**, and if you desaturate by 10%, it is **5326436**.

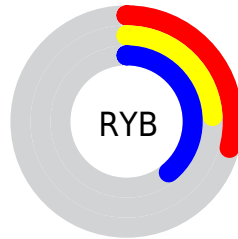
Distribution



Red (29%)

Green (24%)

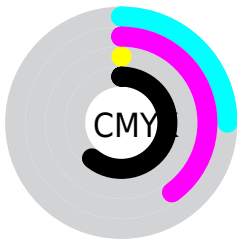
Blue (39%)



Red (29%)

Yellow (24%)

Blue (39%)

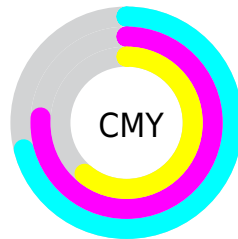


Cyan (25%)

Magenta (40%)

Yellow (0%)

Black (61%)



Cyan (71%)

Magenta (76%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4930660 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 4930660 by changing the saturation by 10% instead.

■ 4930660

■ 4930660

16777215

■ 3417676

■ 8219799

■ 1905205

■ 9930162

■ 196640

■ 11706317

■ 3

■ 13482730

■ 0

■ 15390463

■ 16773887

■ 4930660

■ 4930660

■ 4534884

■ 5326436

■ 4139108

■ 5787748

■ 3677796

■ 6183524

■ 3282020

■ 6579300

■ 2886244

■ 6975076

■ 2490468

■ 7436388

■ 7832164

■ 8227940

■ 8623716

Harmonies

Analogous

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



2638956



4930660



6305108

Triad

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



4930660



6044701



20039

Complementary

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



4930660



5596220

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.



1592370



4930660



4932633

Square

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



4930660



6763820



3492129



19803

Rectangle

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



4930660



6828614



3492129



19776

Sweetspot

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



4930660



7893634



3954020



3946818



12763842



4342338

Same Dimension

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



4930660



5981314



6241380



3157555



2818163



5964018

Inverse Universe

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



6569045



8537195



4285500



3354161



7536712



15859863

Previews

White Background



This preview shows how the Decimal color 4930660 looks on a white background.

Color Contrast Check

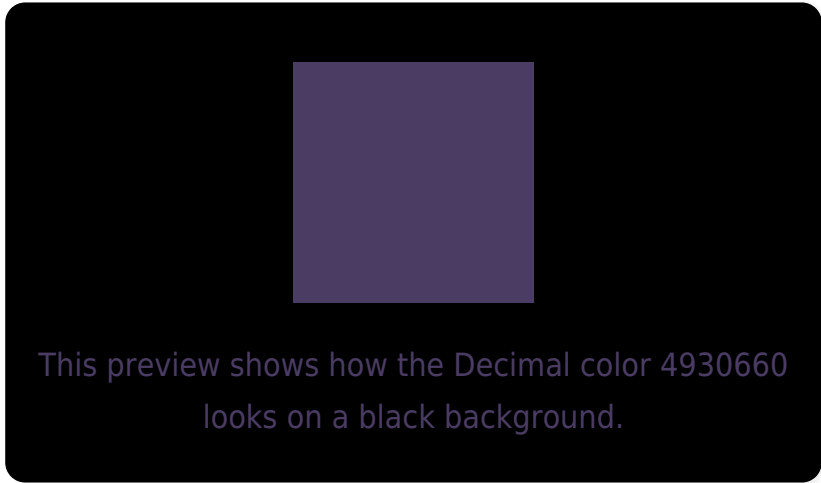
Large Text (above 18pt) WCAG AA ✓ Pass

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

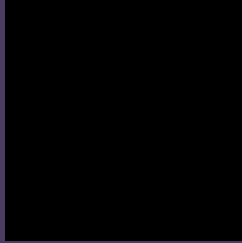
Any Text WCAG AA × Fail

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 4930660 Background



This preview shows how black text looks on a background with the Decimal color 4930660.

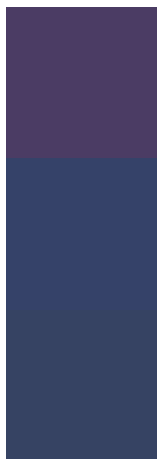


This preview shows how white text looks on a background with the Decimal color 4930660.

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
4930660

Protanopia
3490409

Deuteranopia
3556195



Tritanopia
4604487

Trichromacy



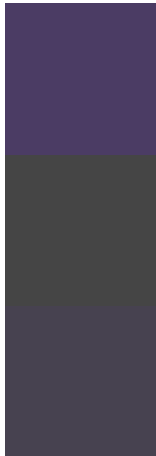
Original Color
4930660

Protanomaly
4014183

Deuteranomaly
4079715

Tritanomaly
4735058

Monochromacy



Original Color
4930660

Achromatopsia
4539717

Achromatomaly
4670032

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4930660 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 #4B3C64 looks like.

```
.text, #text, p{  
    color:#4B3C64  
}
```

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 #4B3C64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B3C64
}
```

Border

The CSS property to change the border of an element to Decimal 4930660 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
#4B3C64 }
```

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

```
.border{ border-color:#4B3C64 }
```

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

Here you see how a box with a 4 pixel #4B3C64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B3C64; -webkit-box-shadow:4px 4px  
4px 4px #4B3C64; box-shadow:4px 4px 4px  
4px #4B3C64 }
```

Background

The CSS property to change the background color of an element to Decimal 4930660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B3C64 }
```

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

```
.background{ background-color:#4B3C64 }
```

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