

Converting Colors

Decimal(4936576)

Have a look what the booklet for
Decimal(4936576) contains.

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Color

Decimal(4936576)

Conversions

Conversions Part 1

Format	Color
Hex	4B5380
RGB	75, 83, 128
RGB Percent	29%, 33%, 50%
CMY	0.7059, 0.6745, 0.4980
CMYK	0.41, 0.35, 0.00, 0.50
HSL	231°, 26%, 40%
HSV	231°, 41%, 50%
XYZ	9.8912, 9.2409, 21.6844
YIQ	85.7380, -19.2130, 12.2990

Conversions

Conversions Part 2

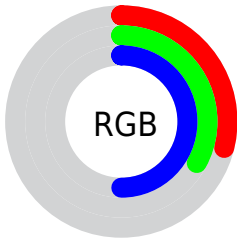
Format	Color
R_{YB}	75, 82, 128
Decimal	4936576
CIE Lab	36.44, 9.13, -26.37
CIE LCh	36, 27.911, 289.097
Yxy	9.2409, 0.2423, 0.2264
Android (android.graphics.Color)	4283126656 (0xFF4B5380)
YUV	85.7380, 20.8352, -9.4172
Hunter-Lab	30.3988, 4.8825, -21.0142

Details

The Decimal color **4936576** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8419403**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **8291509**, and **1648206** is the 20% darker color. If you saturate the color by 10%, you get **4081792**, and if you desaturate by 10%, it is **5791360**.

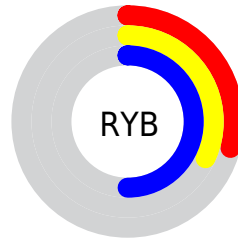
Distribution



Red (29%)

Green (33%)

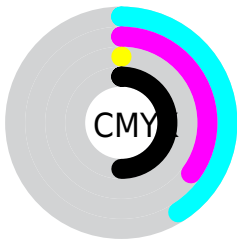
Blue (50%)



Red (29%)

Yellow (32%)

Blue (50%)

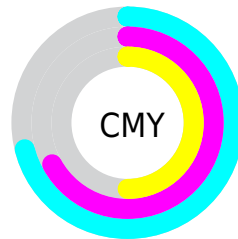


Cyan (41%)

Magenta (35%)

Yellow (0%)

Black (50%)



Cyan (71%)

Magenta (67%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4936576 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 4936576 by changing the saturation by 10% instead.

■ 4936576

■ 4936576

16777215

■ 3292263

■ 8291509

■ 1648206

■ 10067665

■ 4663

■ 11844077

■ 546

■ 13686271

■ 7

■ 15528447

■ 0

■ 4936576

■ 4936576

■ 4081792

■ 5791360

■ 3227008

■ 6646144

■ 2437760

■ 7435392

■ 1583232

■ 8289920

■ 728448

■ 9144704

■ 4992

■ 9999488

■ 10854272

■ 11643520

■ 12498304

Harmonies

Analogous

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



1923713



4936576



6965875

Triad

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



4936576



8014389



1597773

Complementary

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



4936576



8419403

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.



3956279



4936576



7033385

Square

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



4936576



8471624



5593386



24932

Rectangle

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



4936576



7816806



5593386



2515013

Sweetspot

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



4936576



9606566



4948087



4737620



13948116



5526612

Same Dimension

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



4936576



5463974



6114176



3750464



4992



0

Inverse Universe

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



8407891



10900319



7241803



4208954



8388627



0

Previews

White Background



This preview shows how the Decimal color 4936576 looks on a white background.

Color Contrast Check

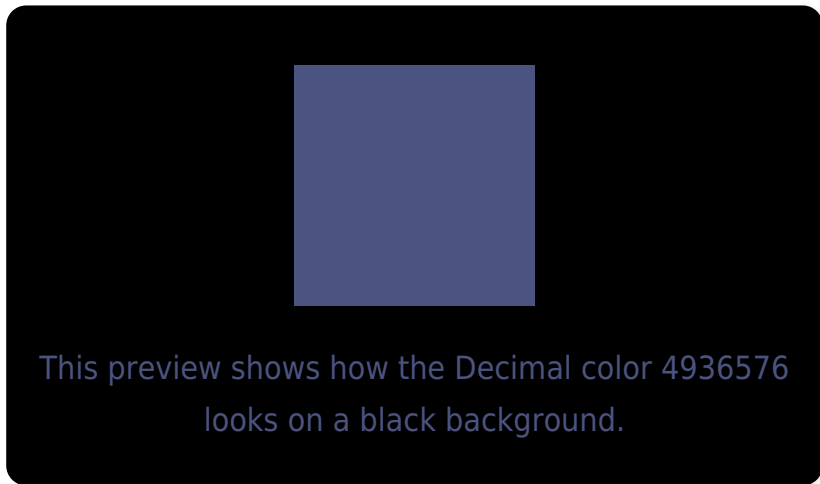
Large Text (above 18pt) WCAG AA ✓ Pass

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

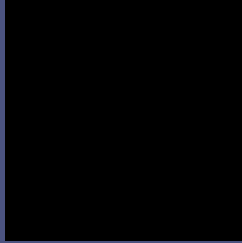
Any Text WCAG AA × Fail

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 4936576 Background



This preview shows how black text looks on a background with the Decimal color 4936576.



This preview shows how white text looks on a background with the Decimal color 4936576.

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](#).

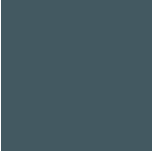
Dichromacy



Original Color
4936576

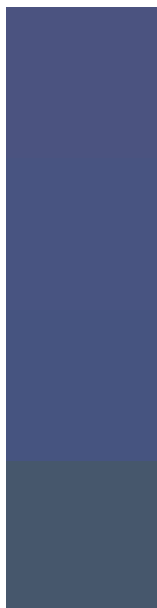
Protanopia
4609153

Deuteranopia
4412800



Tritanopia
4413793

Trichromacy



Original Color

4936576

Protanomaly

4740225

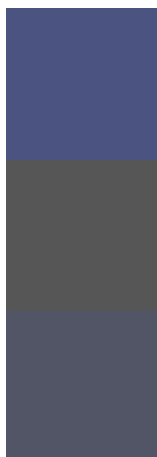
Deuteranomaly

4609152

Tritanomaly

4609900

Monochromacy



Original Color

4936576

Achromatopsia

5658198

Achromatomaly

5395813

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4936576 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 #4B5380 looks like.

```
.text, #text, p{  
    color:#4B5380  
}
```

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 #4B5380 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5380
}
```

Border

The CSS property to change the border of an element to Decimal 4936576 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
#4B5380 }
```

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

```
.border{ border-color:#4B5380 }
```

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

Here you see how a box with a 4 pixel #4B5380 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B5380; -webkit-box-shadow:4px 4px  
4px 4px #4B5380; box-shadow:4px 4px 4px  
4px #4B5380 }
```

Background

The CSS property to change the background color of an element to Decimal 4936576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B5380 }
```

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

```
.background{ background-color:#4B5380 }
```

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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