

Converting Colors

Decimal(5133996)

Have a look what the booklet for
Decimal(5133996) contains.

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Color

Decimal(5133996)

Conversions

Conversions Part 1

Format	Color
Hex	4E56AC
RGB	78, 86, 172
RGB Percent	31%, 34%, 67%
CMY	0.6941, 0.6627, 0.3255
CMYK	0.55, 0.50, 0.00, 0.33
HSL	235°, 38%, 49%
HSV	235°, 55%, 67%
XYZ	13.9161, 11.2538, 40.4685
YIQ	93.4120, -32.3740, 25.0500

Conversions

Conversions Part 2

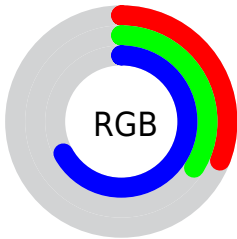
Format	Color
R _Y B	78, 85, 172
Decimal	5133996
CIE Lab	40.00, 22.13, -47.24
CIE LCh	40, 52.164, 295.102
Yxy	11.2538, 0.2120, 0.1715
Android (android.graphics.Color)	4283324076 (0xFF4E56AC)
YUV	93.4120, 38.7439, -13.5163
Hunter-Lab	33.5467, 15.3397, -48.0407

Details

The Decimal color **5133996** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **11314254**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **8816868**, and **600439** is the 20% darker color. If you saturate the color by 10%, you get **4015788**, and if you desaturate by 10%, it is **6252204**.

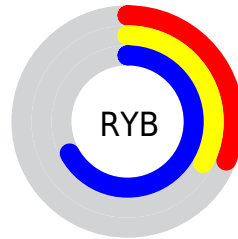
Distribution



Red (31%)

Green (34%)

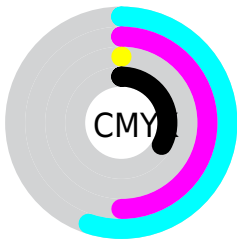
Blue (67%)



Red (31%)

Yellow (33%)

Blue (67%)

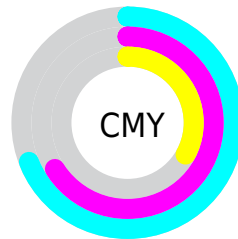


Cyan (55%)

Magenta (50%)

Yellow (0%)

Black (33%)



Cyan (69%)

Magenta (66%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5133996 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 5133996 by changing the saturation by 10% instead.

■ 5133996

■ 5133996

16777215

■ 3227537

■ 8816868

■ 600439

■ 10658559

■ 5470

■ 12500479

■ 70

■ 14408191

■ 1070

■ 16381439

■ 281

■ 0

■ 5133996

■ 5133996

■ 4015788

■ 6252204

■ 2897836

■ 7370156

■ 1714092

■ 8553900

■ 595884

■ 9672108

■ 4012

■ 10790316

■ 11908268

■ 13026476

■ 14210220

■ 15328428

Harmonies

Analogous

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



26292



5133996



9060752

Triad

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



5133996



9914390



29014

Complementary

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



5133996



11314254

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.



28202



5133996



7887360

Square

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



5133996



11023933



5203456



29057

Rectangle

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



5133996



10433909



5203456



28743

Sweetspot

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



5133996



12370144



5156003



5987696



15790320



7368816

Same Dimension

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



5133996



5003744



7622316



5132119



3478



535

Inverse Universe

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



11292246



14699609



8825934



5721679



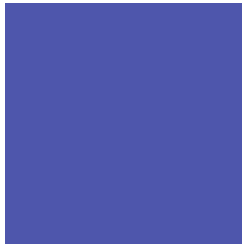
9830413



1507330

Previews

White Background



This preview shows how the Decimal color 5133996 looks on a white background.

Color Contrast Check

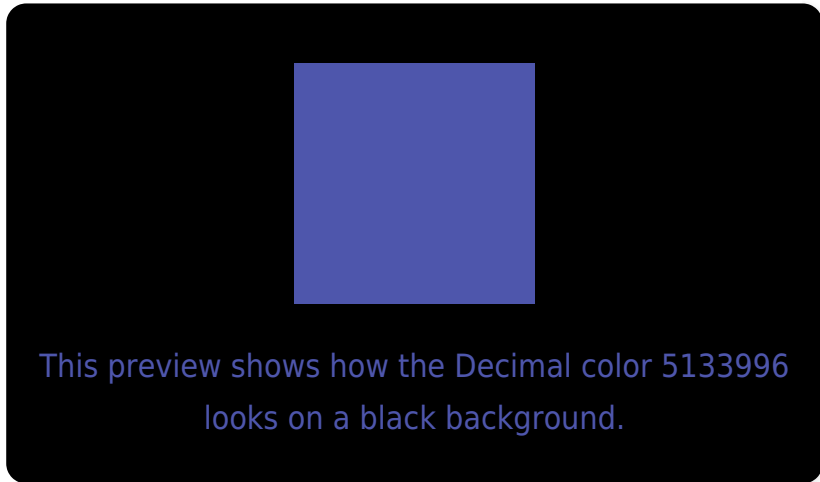
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 5133996 Background



This preview shows how black text looks on a background with the Decimal color 5133996.

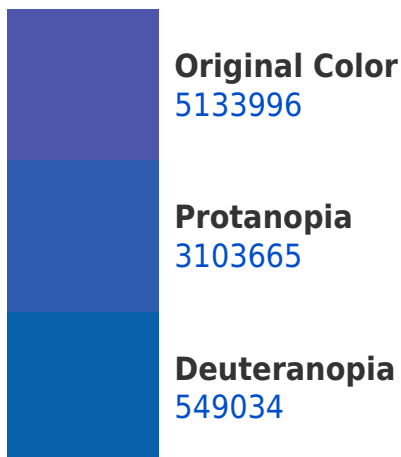


This preview shows how white text looks on a background with the Decimal color 5133996.

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](#).

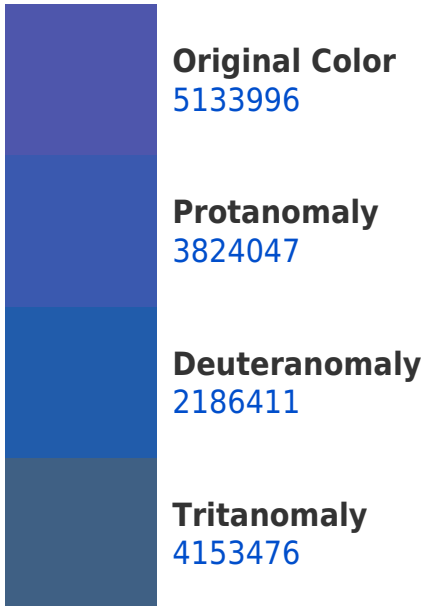
Dichromacy





Tritanopia
3630445

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5133996 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 #4E56AC looks like.

```
.text, #text, p{  
  color:#4E56AC  
}
```

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 #4E56AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E56AC
}
```

Border

The CSS property to change the border of an element to Decimal 5133996 is called "border". The border property can be set on classes, ids or directly on the HTML element.

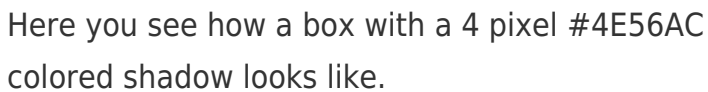
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E56AC }
```

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

```
.border{ border-color:#4E56AC }
```

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



Here you see how a box with a 4 pixel #4E56AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E56AC; -webkit-box-shadow:4px 4px  
4px 4px #4E56AC; box-shadow:4px 4px 4px  
4px #4E56AC }
```

Background

The CSS property to change the background color of an element to Decimal 5133996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E56AC }
```

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

```
.background{ background-color:#4E56AC }
```

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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