

# Converting Colors

Decimal(5134982)

Have a look what the booklet for  
Decimal(5134982) contains.

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**Color**

**Decimal(5134982)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E5A86
RGB	78, 90, 134
RGB Percent	31%, 35%, 53%
CMY	0.6941, 0.6471, 0.4745
CMYK	0.42, 0.33, 0.00, 0.47
HSL	227°, 26%, 42%
HSV	227°, 42%, 53%
XYZ	11.1011, 10.6533, 24.0254
YIQ	91.4280, -21.2760, 11.1400

# Conversions

## Conversions Part 2

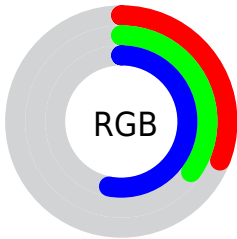
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 88, 134
Decimal	5134982
CIELab	38.99, 7.38, -26.04
CIElCh	39, 27.070, 285.820
Yxy	10.6533, 0.2425, 0.2327
Android (android.graphics.Color)	4283325062 (0xFF4E5A86)
YUV	91.4280, 20.9880, -11.7764
Hunter-Lab	32.6393, 3.5917, -20.7952

# Details

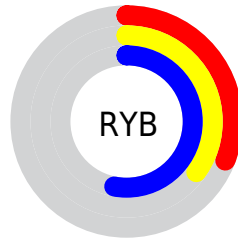
The Decimal color **5134982** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8813134**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **8490171**, and **1846612** is the 20% darker color. If you saturate the color by 10%, you get **4280198**, and if you desaturate by 10%, it is **5989766**.

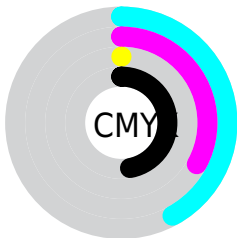
# Distribution



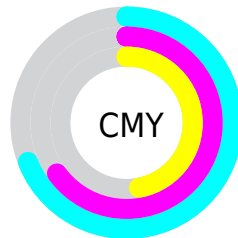
- Red (31%)
- Green (35%)
- Blue (53%)



- Red (31%)
- Yellow (35%)
- Blue (53%)



- Cyan (42%)
- Magenta (33%)
- Yellow (0%)
- Black (47%)



- Cyan (69%)
- Magenta (65%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5134982 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 5134982 by changing the saturation by 10% instead.





5134982



5134982

16777215



3490669



8490171



1846612



10266327



6205



12042740



39



13950463



272



15792895



0



5134982



5134982



4280198



5989766



3360134



6909830

■ 2505350

■ 7764614

■ 1585286

■ 8684678

■ 730502

■ 9539462

■ 7558

■ 10393990

■ 11314310

■ 12168838

■ 13089158

# Harmonies

## Analogous

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



2318726



5134982



7164539

# Triad

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



5134982



8474429



2582352

# Complementary

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



5134982



8813134

# 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.



4613180



5134982



7558961

# Square

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



5134982



8801105



6184497



26471

# Rectangle

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



5134982



8080750



6184497



3302985



# Sweetspot

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



5134982



9936045



5146234



4803671



14079702



5723991



# Same Dimension

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



5134982



5728685



6180486



3947842



7298



259



# Inverse Universe

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



8801882



11360105



7767630



4340797



8519708



196609



# Previews

## White Background



This preview shows how the Decimal color 5134982 looks on a white background.

## Color Contrast Check

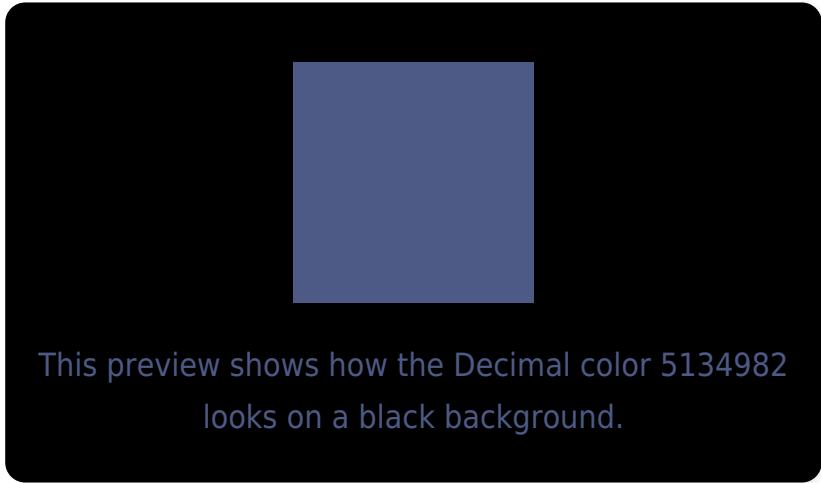
Large Text (above 18pt) WCAG AA ✓ Pass

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

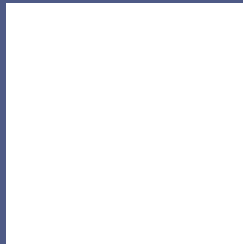
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Decimal 5134982 Background



This preview shows how black text looks on a background with the Decimal color 5134982.

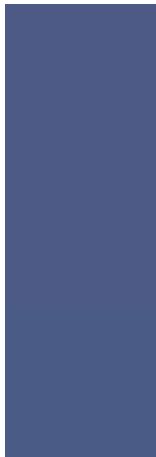


This preview shows how white text looks on a background with the Decimal color 5134982.

# 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**  
5134982

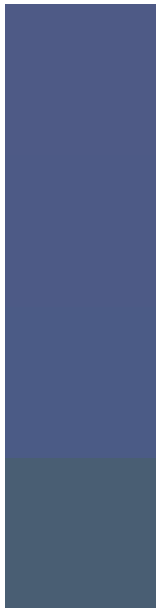
**Protanopia**  
5069446

**Deuteranopia**  
4873094



**Tritanopia**  
4612200

# Trichromacy



**Original Color**  
5134982

**Protanomaly**  
5069446

**Deuteranomaly**  
4938630

**Tritanomaly**  
4808307

# Monochromacy



**Original Color**  
5134982

**Achromatopsia**  
5987163

**Achromatomaly**  
5659499

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5134982 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 #4E5A86 looks like.

```
.text, #text, p{  
    color:#4E5A86  
}
```

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 #4E5A86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5A86
}
```

## Border

The CSS property to change the border of an element to Decimal 5134982 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
#4E5A86 }
```

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

```
.border{ border-color:#4E5A86 }
```

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

Here you see how a box with a 4 pixel #4E5A86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5A86; -webkit-box-shadow:4px 4px  
4px 4px #4E5A86; box-shadow:4px 4px 4px  
4px #4E5A86 }
```

# Background

The CSS property to change the background color of an element to Decimal 5134982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5A86 }
```

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

```
.background{ background-color:#4E5A86 }
```

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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