

Converting Colors

Decimal(5134219)

Have a look what the booklet for
Decimal(5134219) contains.

Decimal(5134219)	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(5134219)

Conversions

Conversions Part 1

Format	Color
Hex	4E578B
RGB	78, 87, 139
RGB Percent	31%, 34%, 55%
CMY	0.6941, 0.6588, 0.4549
CMYK	0.44, 0.37, 0.00, 0.45
HSL	231°, 28%, 43%
HSV	231°, 44%, 55%
XYZ	11.2103, 10.3002, 25.8234
YIQ	90.2370, -22.0560, 14.2640

Conversions

Conversions Part 2

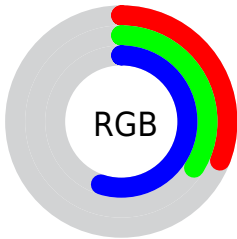
Format	Color
R _Y B	78, 86, 139
Decimal	5134219
CIE Lab	38.38, 10.83, -30.05
CIE LCh	38, 31.938, 289.815
Yxy	10.3002, 0.2368, 0.2176
Android (android.graphics.Color)	4283324299 (0xFF4E578B)
YUV	90.2370, 24.0402, -10.7318
Hunter-Lab	32.0939, 6.1851, -25.2402

Details

The Decimal color **5134219** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9142862**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **8554945**, and **1780313** is the 20% darker color. If you saturate the color by 10%, you get **4213643**, and if you desaturate by 10%, it is **6054795**.

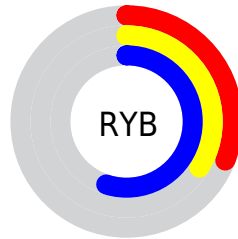
Distribution



Red (31%)

Green (34%)

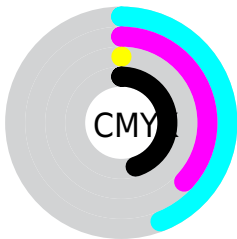
Blue (55%)



Red (31%)

Yellow (34%)

Blue (55%)

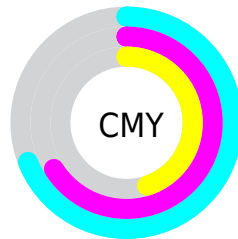


Cyan (44%)

Magenta (37%)

Yellow (0%)

Black (45%)



Cyan (69%)

Magenta (66%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5134219 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 5134219 by changing the saturation by 10% instead.

■ 5134219

■ 5134219

16777215

■ 3489905

■ 8554945

■ 1780313

■ 10331101

■ 5697

■ 12107513

■ 43

■ 13949695

■ 277

■ 15857407

■ 0

■ 5134219

■ 5134219

■ 4213643

■ 6054795

■ 3293067

■ 6975371

■ 2372491

■ 7895947

■ 1452171

■ 8816267

■ 597131

■ 9671307

■ 5515

■ 10591883

■ 11512459

■ 12433035

■ 13353611

Harmonies

Analogous

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



745613



5134219



7490940

Triad

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



5134219



8604724



288592

Complementary

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



5134219



9142862

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.



3892280



5134219



7427622

Square

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



5134219



9127242



5856808



26475

Rectangle

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



5134219



8472429



5856808



2057800

Sweetspot

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



5134219



10396085



5147522



5066588



14408667



6052956

Same Dimension

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



5134219



5596085



6508171



4079429



5253



261

Inverse Universe

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



9129559



11883875



7768910



4537919



8716308



327681

Previews

White Background



This preview shows how the Decimal color 5134219 looks on a white background.

Color Contrast Check

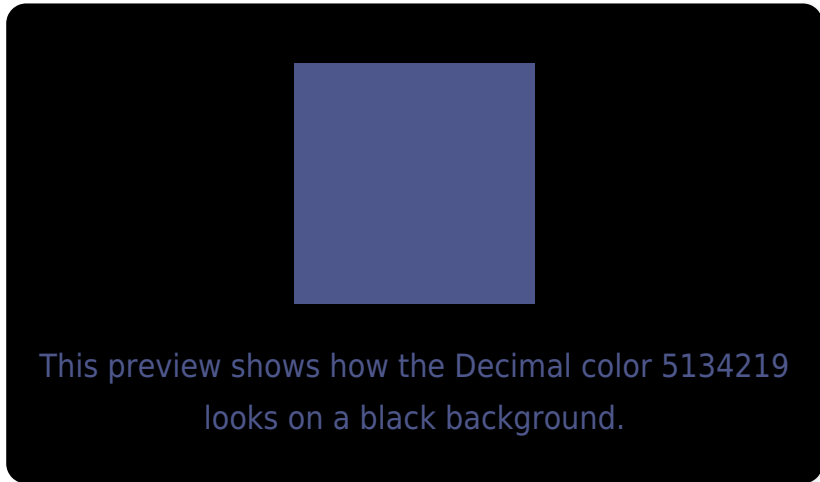
Large Text (above 18pt) WCAG AA ✓ Pass

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

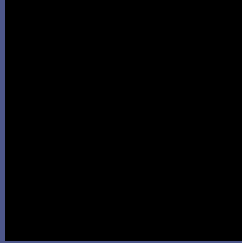
Any Text WCAG AA × Fail

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 5134219 Background



This preview shows how black text looks on a background with the Decimal color 5134219.



This preview shows how white text looks on a background with the Decimal color 5134219.

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
5134219

Protanopia
4675980

Deuteranopia
4348554



Tritanopia
4480870

Trichromacy



Original Color
5134219

Protanomaly
4872332

Deuteranomaly
4610442

Tritanomaly
4742259

Monochromacy



Original Color
5134219

Achromatopsia
5921370

Achromatomaly
5658988

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5134219 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 #4E578B looks like.

```
.text, #text, p{  
    color:#4E578B  
}
```

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 #4E578B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E578B
}
```

Border

The CSS property to change the border of an element to Decimal 5134219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

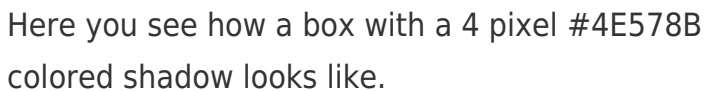
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E578B }
```

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

```
.border{ border-color:#4E578B }
```

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



Here you see how a box with a 4 pixel #4E578B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E578B; -webkit-box-shadow:4px 4px  
4px 4px #4E578B; box-shadow:4px 4px 4px  
4px #4E578B }
```

Background

The CSS property to change the background color of an element to Decimal 5134219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E578B }
```

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

```
.background{ background-color:#4E578B }
```

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