

Converting Colors

Decimal(5132189)

Have a look what the booklet for
Decimal(5132189) contains.

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Color

Decimal(5132189)

Conversions

Conversions Part 1	
Format	Color
Hex	4E4F9D
RGB	78, 79, 157
RGB Percent	31%, 31%, 62%
CMY	0.6941, 0.6902, 0.3843
CMYK	0.50, 0.50, 0.00, 0.38
HSL	239°, 34%, 46%
HSV	239°, 50%, 62%
XYZ	12.0237, 9.6460, 33.1264
YIQ	87.5930, -25.6340, 24.0460

Conversions

Conversions Part 2

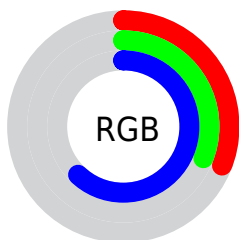
Format	Color
RYB	78, 79, 157
Decimal	5132189
CIELab	37.20, 21.69, -42.79
CIELCh	37, 47.974, 296.879
Yxy	9.6460, 0.2194, 0.1760
Android (android.graphics.Color)	4283322269 (0xFF4E4F9D)
YUV	87.5930, 34.2177, -8.4131
Hunter-Lab	31.0580, 14.7523, -41.4981

Details

The Decimal color **5132189** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **10329166**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **8683732**, and **1254249** is the 20% darker color. If you saturate the color by 10%, you get **4079517**, and if you desaturate by 10%, it is **6184861**.

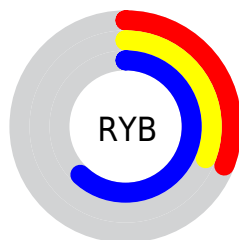
Distribution



Red (31%)

Green (31%)

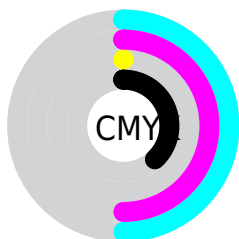
Blue (62%)



Red (31%)

Yellow (31%)

Blue (62%)

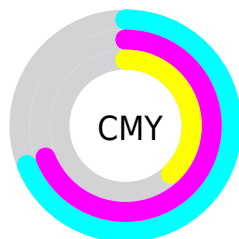


Cyan (50%)

Magenta (50%)

Yellow (0%)

Black (38%)



Cyan (69%)

Magenta (69%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5132189 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 5132189 by changing the saturation by 10% instead.

 5132189

 5132189

16777215

 3356803

 8683732

 1254249

 10525425


 3920

 12367359

 57

 14209279

 546

 16182783

 8


 0


 5132189

 5132189

 4079517

 6184861

 3092637

 7171741

 2039965

 8224413

 987549

 9276829

 669

 10329501

 11316381

 12369053

 13421469

 14408605

Harmonies

Analogous

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



23973



5132189



8535426

Triad

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



5132189



9061652



26962

Complementary

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



5132189



10329166

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.



26154



5132189



7164928

Square

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



5132189



10105911



4742915



27002

Rectangle

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



5132189



9712234



4742915



26693

Sweetspot

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



5132189



11382476



5152156



5526630



15132390



6710886

Same Dimension

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



5132189



5395404



7622301



4671311



655



15

Inverse Universe

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



10309199



13390419



7839054



5195591



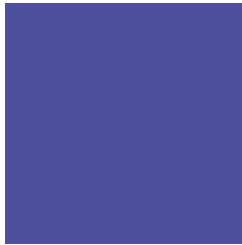
9371650



983040

Previews

White Background



This preview shows how the Decimal color 5132189 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



This preview shows how the Decimal color 5132189 looks on a 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 5132189 Background



This preview shows how black text looks on a background with the Decimal color 5132189.



This preview shows how white text looks on a background with the Decimal color 5132189.

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

5132189

Protanopia

3036579

Deuteranopia

1792411

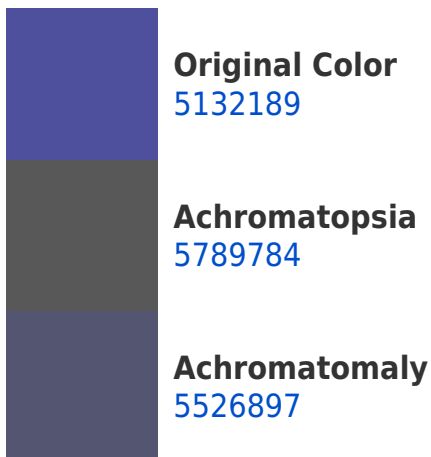


Tritanopia
3956068

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5132189 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 #4E4F9D looks like.

```
.text, #text, p{  
    color:#4E4F9D  
}
```

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 #4E4F9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E4F9D
}
```

Border

The CSS property to change the border of an element to Decimal 5132189 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
#4E4F9D }
```

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

```
.border{ border-color:#4E4F9D }
```

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

Here you see how a box with a 4 pixel #4E4F9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E4F9D; -webkit-box-shadow:4px 4px  
4px 4px #4E4F9D; box-shadow:4px 4px 4px  
4px #4E4F9D }
```

Background

The CSS property to change the background color of an element to Decimal 5132189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E4F9D }
```

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

```
.background{ background-color:#4E4F9D }
```

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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