

# Converting Colors

Decimal(5132216)

Have a look what the booklet for  
Decimal(5132216) contains.

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# Color

**Decimal(5132216)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E4FB8
RGB	78, 79, 184
RGB Percent	31%, 31%, 72%
CMY	0.6941, 0.6902, 0.2784
CMYK	0.58, 0.57, 0.00, 0.28
HSL	239°, 43%, 51%
HSV	239°, 58%, 72%
XYZ	14.5896, 10.6724, 46.6384
YIQ	90.6710, -34.3010, 32.4430

# Conversions

## Conversions Part 2

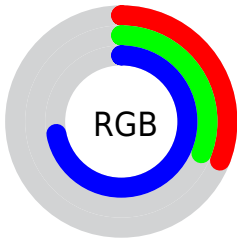
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 79, 184
Decimal	5132216
CIE <sub>Lab</sub>	39.02, 30.55, -55.89
CIE <sub>LCh</sub>	39, 63.696, 298.656
Yxy	10.6724, 0.2029, 0.1484
Android (android.graphics.Color)	4283322296 (0xFF4E4FB8)
YUV	90.6710, 46.0112, -11.1125
Hunter-Lab	32.6686, 22.5471, -61.7758

# Details

The Decimal color **5132216** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **12105550**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **8945905**, and **9090** is the 20% darker color. If you saturate the color by 10%, you get **3947960**, and if you desaturate by 10%, it is **6316472**.

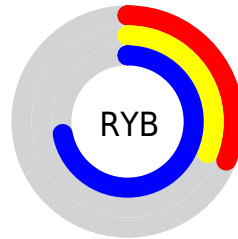
# Distribution



Red (31%)

Green (31%)

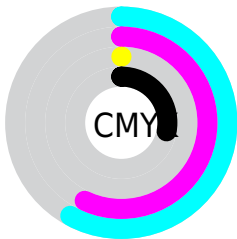
Blue (72%)



Red (31%)

Yellow (31%)

Blue (72%)

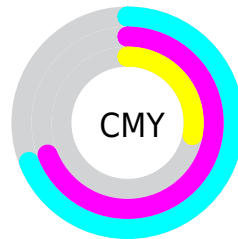


Cyan (58%)

Magenta (57%)

Yellow (0%)

Black (28%)



Cyan (69%)

Magenta (69%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5132216 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 5132216 by changing the saturation by 10% instead.



■ 5132216

■ 5132216

16777215

■ 3029149

■ 8945905

■ 9090

■ 10787583

■ 3944

■ 12695039

■ 79

■ 14668287

■ 1335

■ 16641535

■ 545

■ 6

■ 0

■ 5132216

■ 5132216

■ 3947960

■ 6316472

■ 2698168

■ 7566264

■ 1513656

■ 8750776

■ 263864

■ 10000568

■ 696

■ 11184824

■ 12369080

■ 13619128

■ 14803384

■ 16053176

# Harmonies

## Analogous

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



25797



5132216



9842835

# Triad

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



5132216



10043904



29016

# Complementary

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



5132216



12105550

# 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.



28192



5132216



7493888

# Square

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



5132216



11608622



4155136



29325

# Rectangle

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



5132216



11278450



4155136



28998



# Sweetspot

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



5132216



13092848



5159094



6316152



16250871



7895160



# Same Dimension

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



5132216



4869360



8474296



5460828



412



28



# Inverse Universe

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



12078671



15747660



8763470



6050643



10223617

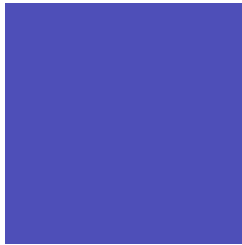


1835008



# Previews

## White Background



This preview shows how the Decimal color 5132216 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



This preview shows how the Decimal color 5132216 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

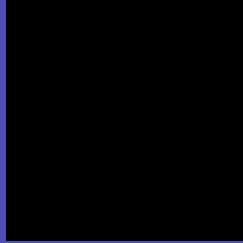
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5132216 Background



This preview shows how black text looks on a background with the Decimal color 5132216.



This preview shows how white text looks on a background with the Decimal color 5132216.

# 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



# Trichromacy



**Original Color**  
5132216

**Protanomaly**  
1856955

**Tritanomaly**  
3824775

# Monochromacy



**Original Color**  
5132216

**Achromatopsia**  
5987163

**Achromatomaly**  
5658493

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5132216 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 #4E4FB8 looks like.

```
.text, #text, p{  
    color:#4E4FB8  
}
```

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 #4E4FB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E4FB8
}
```

## Border

The CSS property to change the border of an element to Decimal 5132216 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".

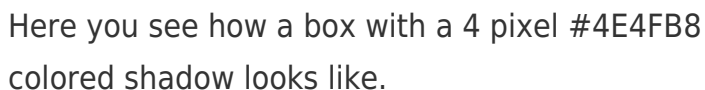
```
.border, #border, table{ border:4px solid
#4E4FB8 }
```

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

```
.border{ border-color:#4E4FB8 }
```

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

Here you see how a box with a 4 pixel #4E4FB8 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E4FB8; -webkit-box-shadow:4px 4px  
4px 4px #4E4FB8; box-shadow:4px 4px 4px  
4px #4E4FB8 }
```

# Background

The CSS property to change the background color of an element to Decimal 5132216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E4FB8 }
```

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

```
.background{ background-color:#4E4FB8 }
```

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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