

Converting Colors

Decimal(4918216)

Have a look what the booklet for
Decimal(4918216) contains.

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Color

Decimal(4918216)

Conversions

Conversions Part 1

Format	Color
Hex	4B0BC8
RGB	75, 11, 200
RGB Percent	29%, 4%, 78%
CMY	0.7059, 0.9569, 0.2157
CMYK	0.62, 0.95, 0.00, 0.22
HSL	260°, 90%, 41%
HSV	260°, 94%, 78%
XYZ	13.4466, 5.9053, 55.0747
YIQ	51.6820, -22.5250, 72.3470

Conversions

Conversions Part 2

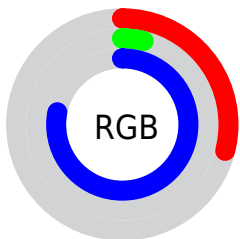
Format	Color
R _Y B	75, 11, 200
Decimal	4918216
CIE Lab	29.17, 65.82, -81.47
CIE LCh	29, 104.738, 308.937
Yxy	5.9053, 0.1807, 0.0793
Android (android.graphics.Color)	4283108296 (0xFF4B0BC8)
YUV	51.6820, 73.1208, 20.4499
Hunter-Lab	24.3009, 56.2446, -117.3622

Details

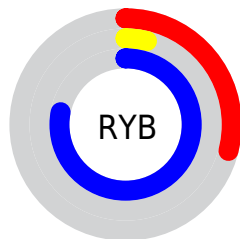
The Decimal color **4918216** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **8964107**, and the grayscale version is **3355443**.

A 20% lighter version of the original color is **9193983**, and **144** is the 20% darker color. If you saturate the color by 10%, you get **4456648**, and if you desaturate by 10%, it is **5775304**.

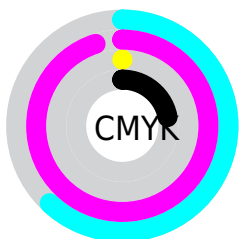
Distribution



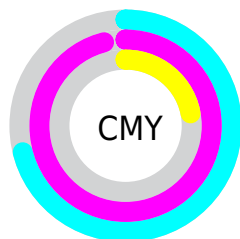
- Red (29%)
- Green (4%)
- Blue (78%)



- Red (29%)
- Yellow (4%)
- Blue (78%)



- Cyan (62%)
- Magenta (95%)
- Yellow (0%)
- Black (22%)



- Cyan (71%)
- Magenta (96%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4918216 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 4918216 by changing the saturation by 10% instead.



4918216



4918216

16777215



2228396



9193983



144



11166975



118



13205503



92



15244031



1859



16758527



812



16765951



278



16773375



0



4918216



4918216

■ 4456648

■ 5775304

■ 6632392

■ 7555016

■ 8412104

■ 9269192

■ 10126280

■ 11048904

■ 11905992

■ 12763080

Harmonies

Analogous

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



20205



4918216



11403393

Triad

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



4918216



8463616



23901

Complementary

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



4918216



8964107

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.



23296



4918216



4147712

Square

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



4918216



11468800



22272



24749

Rectangle

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



4918216



12648524



22272



23872

Sweetspot

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



4918216



13678847



756168



6509696



0



8421504

Same Dimension

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



4918216



5636351



11078600



6117987



3604643



786468

Inverse Universe

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



13110152



16711849



2803723



6511200



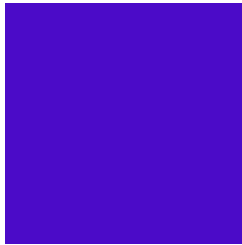
10682476



2359320

Previews

White Background



This preview shows how the Decimal color 4918216 looks on a white background.

Color Contrast Check

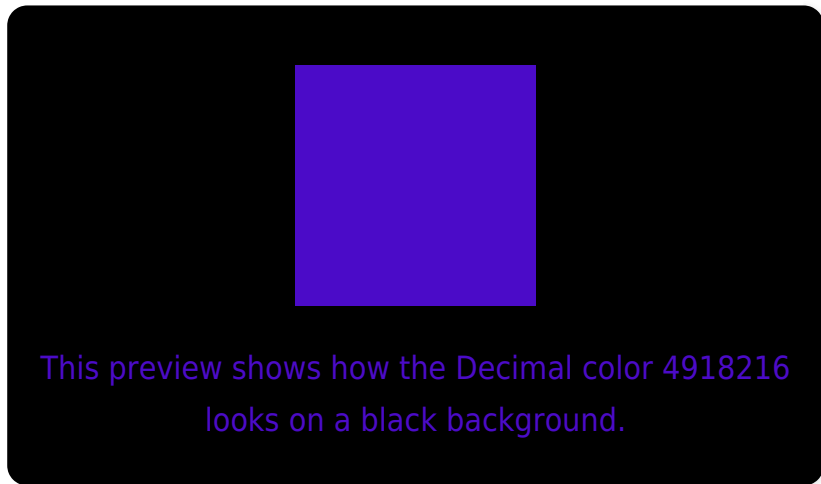
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

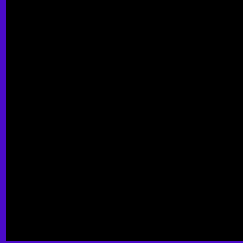
Any Text WCAG AA × Fail

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 4918216 Background



This preview shows how black text looks on a background with the Decimal color 4918216.



This preview shows how white text looks on a background with the Decimal color 4918216.

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
4918216

Protanomaly
1781667

Deuteranomaly
1782422

Tritanomaly
1783166

Monochromacy



Original Color
4918216

Achromatopsia
3421236

Achromatomaly
3941738

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4918216 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 #4B0BC8 looks like.

```
.text, #text, p{  
    color:#4B0BC8  
}
```

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 #4B0BC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B0BC8
}
```

Border

The CSS property to change the border of an element to Decimal 4918216 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".

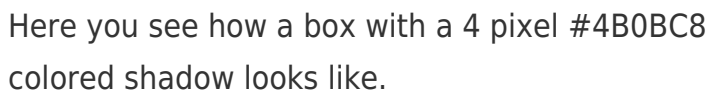
```
.border, #border, table{ border:4px solid
#4B0BC8 }
```

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

```
.border{ border-color:#4B0BC8 }
```

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

Here you see how a box with a 4 pixel #4B0BC8 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B0BC8; -webkit-box-shadow:4px 4px  
4px 4px #4B0BC8; box-shadow:4px 4px 4px  
4px #4B0BC8 }
```

Background

The CSS property to change the background color of an element to Decimal 4918216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B0BC8 }
```

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

```
.background{ background-color:#4B0BC8 }
```

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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