

Converting Colors

Decimal(5120423)

Have a look what the booklet for
Decimal(5120423) contains.

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Color

Decimal(5120423)

Conversions

Conversions Part 1

Format	Color
Hex	4E21A7
RGB	78, 33, 167
RGB Percent	31%, 13%, 65%
CMY	0.6941, 0.8706, 0.3451
CMYK	0.53, 0.80, 0.00, 0.35
HSL	260°, 67%, 39%
HSV	260°, 80%, 65%
XYZ	10.6608, 5.4974, 37.0584
YIQ	61.7310, -16.1940, 51.2140

Conversions

Conversions Part 2

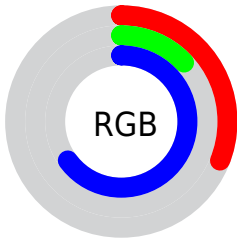
Format	Color
R_{YB}	78, 33, 167
Decimal	5120423
CIE _{Lab}	28.11, 51.01, -63.59
CIE _{LCh}	28, 81.524, 308.737
Yxy	5.4974, 0.2003, 0.1033
Android (android.graphics.Color)	4283310503 (0xFF4E21A7)
YUV	61.7310, 51.8976, 14.2679
Hunter-Lab	23.4466, 40.1295, -77.2979

Details

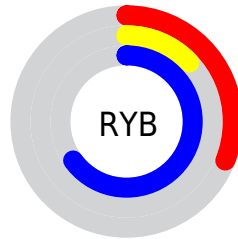
The Decimal color **5120423** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **8038177**, and the grayscale version is **4013373**.

A 20% lighter version of the original color is **8934623**, and **114** is the 20% darker color. If you saturate the color by 10%, you get **4395175**, and if you desaturate by 10%, it is **5845671**.

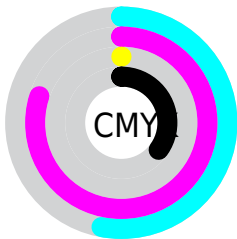
Distribution



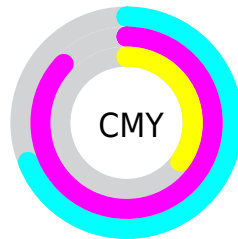
- Red (31%)
- Green (13%)
- Blue (65%)



- Red (31%)
- Yellow (13%)
- Blue (65%)



- Cyan (53%)
- Magenta (80%)
- Yellow (0%)
- Black (35%)



- Cyan (69%)
- Magenta (87%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5120423 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 5120423 by changing the saturation by 10% instead.

■ 5120423

■ 5120423

16777215

■ 3015564

■ 8934623

■ 114

■ 10841596

■ 88

■ 12749055

■ 1856

■ 14722047

■ 809

■ 16695039

■ 275

■ 16767999

■ 0

■ 16775423

■ 5120423

■ 5120423

■ 4395175

■ 5845671

■ 3670183

■ 6570663

■ 7295911

■ 8021159

■ 8746151

■ 9536935

■ 10262183

■ 10987431

■ 11712423

Harmonies

Analogous

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



18371



5120423



9764977

Triad

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



5120423



7678976



22612

Complementary

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



5120423



8038177

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.



22029



5120423



4343296

Square

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



5120423



10027008



20736



22929

Rectangle

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



5120423



10813512



20736



22334

Sweetspot

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



5120423



11970009



2194087



5852782



15592941



7237230

Same Dimension

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



5120423



5179865



9511335



5196884



3276948



458772

Inverse Universe

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



10953082



14223763



3647265



5524561



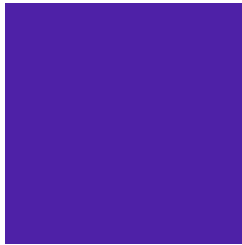
9699426



1310734

Previews

White Background



This preview shows how the Decimal color 5120423 looks on a white background.

Color Contrast Check

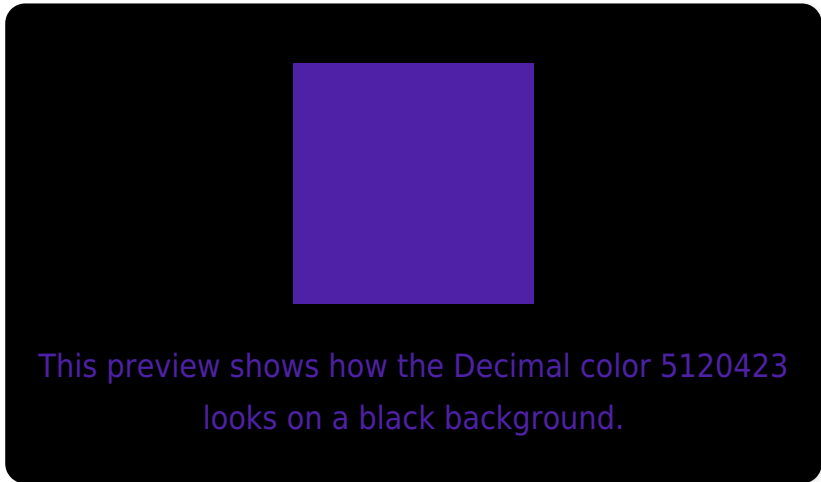
Large Text (above 18pt) WCAG AA ✓ Pass

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

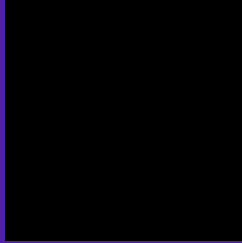
Any Text WCAG AA × Fail

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 5120423 Background



This preview shows how black text looks on a background with the Decimal color 5120423.

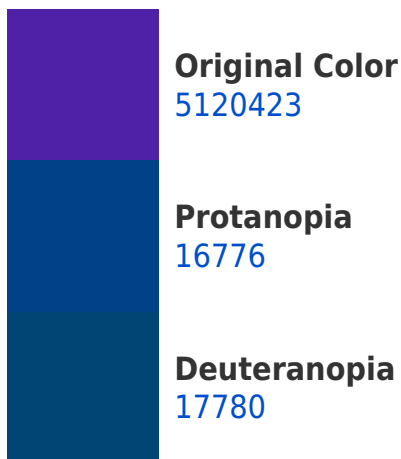


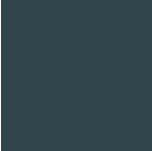
This preview shows how white text looks on a background with the Decimal color 5120423.

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





Tritanopia
3229260

Trichromacy



Original Color
5120423

Protanomaly
1848723

Deuteranomaly
1849479

Tritanomaly
3946861

Monochromacy



Original Color
5120423

Achromatopsia
4079166

Achromatomaly
4469604

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5120423 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 #4E21A7 looks like.

```
.text, #text, p{  
    color:#4E21A7  
}
```

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 #4E21A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E21A7
}
```

Border

The CSS property to change the border of an element to Decimal 5120423 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
#4E21A7 }
```

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

```
.border{ border-color:#4E21A7 }
```

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

Here you see how a box with a 4 pixel #4E21A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E21A7; -webkit-box-shadow:4px 4px  
4px 4px #4E21A7; box-shadow:4px 4px 4px  
4px #4E21A7 }
```

Background

The CSS property to change the background color of an element to Decimal 5120423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E21A7 }
```

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

```
.background{ background-color:#4E21A7 }
```

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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