

Converting Colors

Decimal(5180075)

Have a look what the booklet for
Decimal(5180075) contains.

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Color

Decimal(5180075)

Conversions

Conversions Part 1

Format	Color
Hex	4F0AAB
RGB	79, 10, 171
RGB Percent	31%, 4%, 67%
CMY	0.6902, 0.9608, 0.3294
CMYK	0.54, 0.94, 0.00, 0.33
HSL	266°, 89%, 35%
HSV	266°, 94%, 67%
XYZ	10.6837, 4.8196, 38.8953
YIQ	48.9850, -10.5570, 64.6990

Conversions

Conversions Part 2

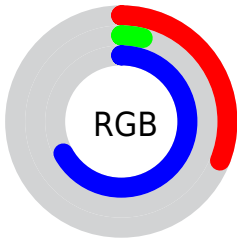
Format	Color
R_{YB}	79, 10, 171
Decimal	5180075
CIE _{Lab}	26.21, 59.34, -69.12
CIE _{LCh}	26, 91.104, 310.646
Yxy	4.8196, 0.1964, 0.0886
Android (android.graphics.Color)	4283370155 (0xFF4F0AAB)
YUV	48.9850, 60.1534, 26.3232
Hunter-Lab	21.9536, 48.4477, -89.6766

Details

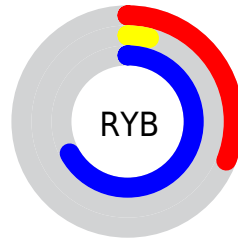
The Decimal color **5180075** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **6728458**, and the grayscale version is **3158064**.

A 20% lighter version of the original color is **9062116**, and **117** is the 20% darker color. If you saturate the color by 10%, you get **4784299**, and if you desaturate by 10%, it is **5839787**.

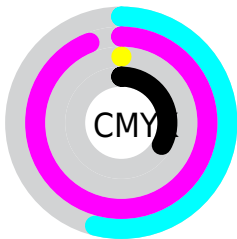
Distribution



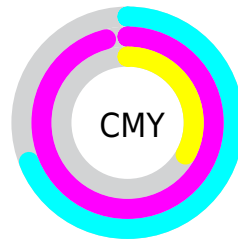
- Red (31%)
- Green (4%)
- Blue (67%)



- Red (31%)
- Yellow (4%)
- Blue (67%)



- Cyan (54%)
- Magenta (94%)
- Yellow (0%)
- Black (33%)



- Cyan (69%)
- Magenta (96%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5180075 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 5180075 by changing the saturation by 10% instead.

■ 5180075

■ 5180075

16777215

■ 3014800

■ 9062116

■ 117

■ 11035135

■ 92

■ 12942335

■ 1859

■ 14915327

■ 812

■ 16757503

■ 278

■ 16764927

■ 0

■ 16772095

■ 5180075

■ 5180075

■ 4784299

■ 5839787

■ 6499499

■ 7093675

■ 7753387

■ 8413099

■ 9073067

■ 9667243

■ 10326955

■ 10986667

Harmonies

Analogous

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



17357



5180075



10158190

Triad

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



5180075



7350016



21590

Complementary

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



5180075



6728458

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.



20997



5180075



3556352

Square

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



5180075



9961472



19968



22170

Rectangle

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



5180075



11141184



19968



21310

Sweetspot

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



5180075



12230878



682155



5917296



15790320



7368816

Same Dimension

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



5180075



6226142



10357419



5394007



4194454



655383

Inverse Universe

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



11209318



14549119



1551114



5721683



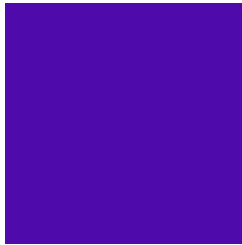
9830486



1507341

Previews

White Background



This preview shows how the Decimal color 5180075 looks on a white background.

Color Contrast Check

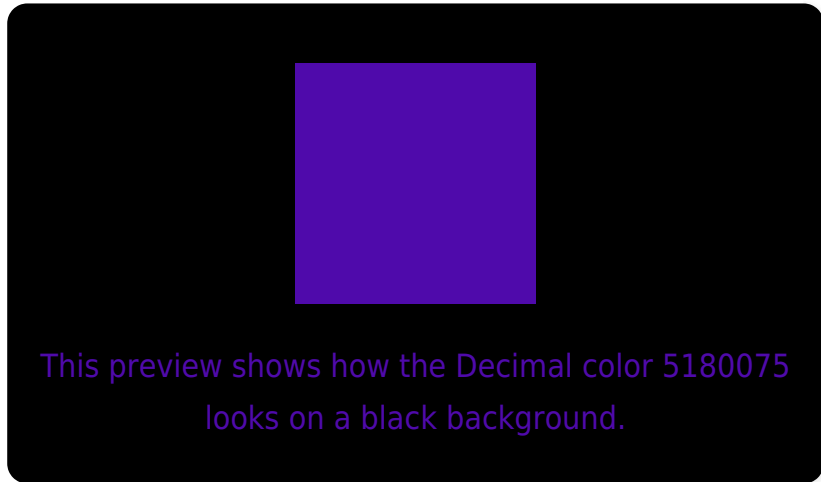
Large Text (above 18pt) WCAG AA ✓ Pass

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

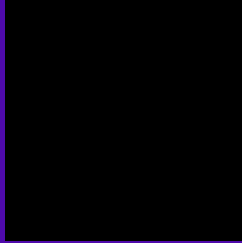
Any Text WCAG AA × Fail

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 5180075 Background



This preview shows how black text looks on a background with the Decimal color 5180075.

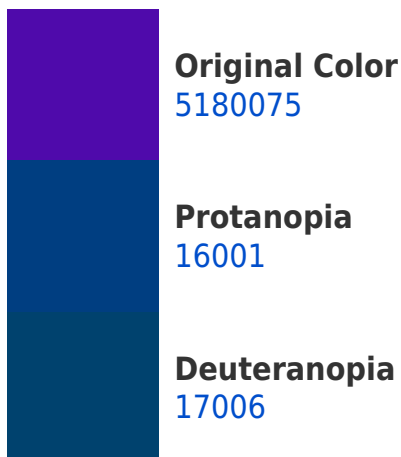


This preview shows how white text looks on a background with the Decimal color 5180075.

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
3097416

Trichromacy



Original Color
5180075

Protanomaly
1911696

Deuteranomaly
1912452

Tritanomaly
3878508

Monochromacy



Original Color
5180075

Achromatopsia
3223857

Achromatomaly
3941213

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5180075 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 #4F0AAB looks like.

```
.text, #text, p{  
  color:#4F0AAB  
}
```

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 #4F0AAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F0AAB
}
```

Border

The CSS property to change the border of an element to Decimal 5180075 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
#4F0AAB }
```

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

```
.border{ border-color:#4F0AAB }
```

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

Here you see how a box with a 4 pixel #4F0AAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F0AAB; -webkit-box-shadow:4px 4px  
4px 4px #4F0AAB; box-shadow:4px 4px 4px  
4px #4F0AAB }
```

Background

The CSS property to change the background color of an element to Decimal 5180075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F0AAB }
```

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

```
.background{ background-color:#4F0AAB }
```

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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